

# Résumé

Raymond Loman

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# Personal information

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LinkedIn	<a href="https://www.linkedin.com/in/rloman">https://www.linkedin.com/in/rloman</a>
Github	<a href="https://github.com/rloman">https://github.com/rloman</a>
Marital status	married
Children	2
Driving license	B

## Languages

Dutch	Mothertongue
English	Fluent
German	Good

# Personal introduction

Allow me to introduce myself: I am Raymond Loman, a pragmatic programmer and professional with extensive experience in both software engineering and training. My work distribution between development and providing courses is 80% focused on engineering and 20% on training. At 56 years old, I am not only dedicated to my work but also to my roles as a husband and a father of two children. Besides that I love sport and music.

My journey in the tech world began in 1989, where I started as a system administrator, working with diverse environments that included Novell Netware, Linux, and Windows NT/2000. It was during this period that I gained a strong foundation in IT.

In 2002, I embarked on a new chapter, transitioning to a full-time developer specializing in Java and DevOps. From 2002 to 2007, as an employee, and since 2007 operating independently under the banner of Carpago Software. In this capacity, I've assumed the role of a T-shaped Software Engineer, with a focus on Java and DevOps expertise. This journey has enabled me to cultivate a deep understanding of both the development process and the operational aspects of software engineering.

Moreover, I am passionate about sharing knowledge and empowering others in the field of Software Engineering. As a trainer, I have conducted various courses in high-demand areas, often delving into the intricacies of Java, Kotlin and DevOps, covering subjects like OCP, Spring Boot, Azure, Docker, Kubernetes, Azure Kubernetes Service and OpenShift. For the Kubernetes subjects also in combination with ArgoCD and Tekton.

My career has been marked by a commitment to excellence, continuous learning, and a deep-rooted passion for technology. I am eager to explore new opportunities and challenges that align with my skills and experiences.

Thank you for considering my profile, and I look forward to the possibility of working together.

Warm regards,  
Raymond Loman

# Recommendations

Raymond uses his enormous energy and passion for technology and people to create positive change.

As a producer of software alone he's a valuable addition to any team, but let him build on people (soft and hard skills) and he'll show you what can be achieved through multiplication.

If your organisation is a bureaucratic beast, don't call him.

If however you want to break through bureaucracy and build something agile and worthwhile in its place, do call him.

— a former colleague

Raymond is a hard-core software engineer.

Has a large scale knowledge of software engineering in general and Spring Boot in particular.

He can fix software-problems very quick and good and get the software running when a problem occurs

He also has a good set of communication and writing skills. Is a real 'pragmatic programmer' and always tries to work toward solutions.

Furthermore, he thinks 'outside the box' and finds solutions in a direction which is not so obvious.

Raymond is a very social and friendly person.

May very well independently and disciplined work but is also a good team player.

Works effectively in accordance with the 7 Habits of Stephen Covey and adheres well here!

His modesty and sobriety adorn him.

Raymond teaches very involved with the students and has excellent teaching skills.

His classes are always lively and full of interesting learning moments.

— a former HR-manager

# Knowledge matrix

Programming	Knowledge	Last used
Java	●●●●●	2025 - 07
JavaScript	●●●●●	2025 - 07
Kotlin	●●●●●	2025 - 07
PHP	●●○○○	2025 - 07
Python	●●●●○	2025 - 07
TypeScript	●●●●○	2024 - 07

Frameworks		
Angular	●●●●●	2025 - 07
ANTLR	●●●●●	2025 - 07
Cucumber+Selenium	●●●○○	2023 - 08
Java EE	●●●○○	2022 - 06
Jersey	●●●○○	2022 - 06
JPA	●●●●●	2025 - 07
JUnit	●●●●●	2025 - 07
Mockito	●●●●●	2025 - 07
Spring	●●●●●	2025 - 07
Spring Boot	●●●●●	2025 - 07
Spring MVC	●●●●○	2024 - 03
Spring Security	●●●●●	2025 - 07
Spring WebFlux	●●●●○	2024 - 03

Services	Knowledge	Last used
REST	●●●●●	2025 - 07
SOAP	●●●○○	2022 - 06

Databases		
DB2	●●●○○	2022 - 06
MySQL	●●●●●	2025 - 07
Postgres	●●●●●	2025 - 07

Frontend		
Bootstrap	●●●●●	2025 - 07

Frontend		
CSS3	● ● ● ● ●	2025 - 07
HTML5	● ● ● ● ○	2024 - 07

Tooling and Platforms	Knowledge	Last used
Eclipse	● ● ● ● ○	2025 - 07
Git	● ● ● ● ●	2025 - 07
GitHub Actions	● ● ● ● ●	2025 - 07
GitLab CI/CD	● ● ● ○ ○	2024 - 07
Integrationtesting	● ● ● ○ ○	2024 - 09
IntelliJ	● ● ● ● ●	2025 - 07
Jenkins	● ● ● ● ○	2024 - 06
Maven	● ● ● ● ●	2025 - 07
OpenAI API	● ● ● ● ○	2025 - 07
Swagger/OpenAPI	● ● ● ● ○	2024 - 07
Unittesting	● ● ● ● ○	2024 - 03

Containerization and Operations		
Apache	● ● ● ○ ○	2025 - 07
Argo CD	● ● ● ● ○	2025 - 07
AWS	● ● ● ● ●	2025 - 07
Azure	● ● ● ● ●	2025 - 07
Docker Community Edition	● ● ● ● ●	2025 - 07
Docker Enterprise Edition	● ● ● ● ○	2025 - 07
Helm	● ● ● ● ●	2025 - 03
Kubernetes	● ● ● ● ●	2025 - 07
NGinx	● ● ● ● ●	2025 - 07
OpenShift	● ● ● ● ●	2025 - 07
Prometheus	● ● ● ○ ○	2024 - 06
Rancher	● ● ● ● ●	2025 - 03
Terraform	● ● ○ ○ ○	2023 - 08

Miscellaneous	Knowledge	Last used
Camunda	● ● ● ○ ○	2024 - 07
Compilers	● ● ● ● ●	2025 - 07
Design Patterns	● ● ● ● ●	2025 - 07

Miscellaneous	Knowledge	Last used
DevOps	●●●●●	2025 - 07
Gradle	●●●●○	2024 - 07
JSON	●●●●●	2025 - 07
Linux	●●●●●	2025 - 07
OWASP	●●●○○	2024 - 07
Scrum	●●●●●	2025 - 07
Security - Principles of Secure Coding	●●●○○	2023 - 03
Sonar	●●●○○	2022 - 06
UML+BPML	●●●●○	2024 - 07
WebGoat	●●●○○	2024 - 07
Windows	●●●●○	2025 - 07
XML	●●●●●	2025 - 07



# Summarized overview

## Leadershiproles

Role	Company	Period
Techlead and Coach	Energie Data Services Nederland (EDSN)	Oct 2024 - currently
Coach and Trainer	Capgemini,Global Knowledge,Computrain...	Oct 2008 - currently
Quartermaster	Kamer van Koophandel	Jan 2024 - Jul 2024
Quartermaster	Belastingdienst (B/CAO)	Mar 2020 - Jun 2022
Lead and Scrummaster	Spectrum Multimedia & IT	Sep 2018 - Dec 2019
Lead and Trainer	Capgemini IT Academy	Feb 2018 - Sep 2018
Lead developer	Allego	Jul 2015 - Oct 2016
Senior Java developer	Belastingdienst (B/CAO)	Sep 2004 - Aug 2012
Netwerkspecialist	IT-to-IT	Mar 1998 - Dec 2001
Head IT	Aan de Stegge	Aug 1995 - Jan 1998
Head IT	Stichting Jeugd en Gezin Twente	Sep 1989 - Aug 1995

## Carpago Software

### Introduction

*Carpago Software consists of three business units*

- Carpago Software: developing software mainly in the area of Java, Spring, JavaScript and Angular
- Carpago Training: providing training mainly in the area of Java, Spring, JavaScript and Angular
- Carpago Consultancy: the consultancy in the area of software engineering in general, and Java, Spring, JavaScript en Angular in particular

Below you find a summarized overview of each business unit and their performed activities

### Assignments

Customer	Job description	Period
EDSN (Energie Data Services Nederland)	Senior DevOps Engineer	Sep 2024 - currently
Kamer van Koophandel (KVK)	Full Stack Senior Developer	Jan 2024 - Jul 2024

Customer	Job description	Period
Carpago Training	Author of Kotlin courseware: Kotlin for Java Developers	Jul 2023 - Oct 2023
Recognize	Full Stack Senior Developer	Aug 2022 - Aug 2023
Belastingdienst (B/CAO)	T-shaped Senior Software Engineer Java EE, Lead Web Developer	Mar 2020 - Jun 2022
Spectrum Multimedia & IT	Programmer Java, Spring Boot and Angular	May 2019 - Jan 2020
NextProgram	Author Trainingsmaterial Android	Jan 2019 - Mar 2019
NextProgram / Young Colfield / ING Nederland	Trainer, Developer and Consultant	Jan 2019 - Jan 2019
Capgemini Academy	Trainer, Developer and Consultant	Feb 2018 - Sep 2018
Belastingdienst (B/CAO)	Architect and Senior Software Engineer	Nov 2016 - Jan 2018
Allego	Senior Software Engineer and Team Lead	Jul 2015 - Oct 2016
DUO Dienst Uitvoering Onderwijs	Senior Java Software Engineer	Dec 2014 - Jun 2015
Cooperatie Rundvee Verbetering (CRV International)	Grails consultant and developer	Jan 2014 - Aug 2014
Ministerie van Economische Zaken - project Aerius	Software Engineer and consultant regarding Google Web Toolkit	Aug 2013 - Dec 2013
Sinatec	Java and Grails software engineer	Apr 2009 - Oct 2010
DataVisual	Software Engineer	Jun 2008 - Jul 2008
DataVisual	Software Engineer	Nov 2007 - Feb 2008

## Trainings

Training	Period
Kubernetes Application Essentials (CN120)	Nov 2022 - Jun 2025
Docker Containerization Essentials (CN100)	Jan 2020 - May 2025
Docker and Kubernetes introduction with Azure and OpenShift deployment	May 2022 - Apr 2025
Kubernetes Operations (CN220)	Apr 2021 - Mar 2025
Frontend Development	Aug 2018 - Mar 2024
JavaScript Fundamentals	Dec 2012 - Jan 2024
Java Development with Spring Boot	Feb 2017 - Oct 2023
Linux Fundamentals	Aug 2018 - Oct 2023

Training	Period
Kotlin for Java Developers	Sep 2023 - Sep 2023
Git for developers	Mar 2015 - Jul 2023
Java for DevOps	Jan 2019 - Jul 2023
Persistence from database to JPA	Aug 2018 - Jun 2023
Testing and Security	May 2018 - Mar 2023
Oracle Certified Associate	Dec 2016 - Jan 2023
OpenShift Essentials	Jun 2022 - Dec 2022
Angular	Sep 2018 - Oct 2022
Design Patterns	Dec 2019 - Feb 2022
Jenkins Workshop	Jun 2021 - Aug 2021
Docker for Enterprise Operations (CN210)	Mar 2020 - Aug 2020
Docker for Enterprise Developers (DOCK6019)	May 2020 - May 2020
Full Stack NodeJS Software Engineer Intro	Sep 2018 - Dec 2019
Oracle Certified Programmer	Sep 2014 - Sep 2019
Oracle Certified Associate Examtraining	Mar 2017 - Jul 2019
Developer Devops Training	May 2016 - Jun 2019
OCP Topics and Security	Nov 2017 - May 2019
Android Awareness	Apr 2019 - Apr 2019
Full Stack Java Software Engineer Intro	Oct 2017 - Jul 2018
C++ Advanced Programming	Jan 2014 - Apr 2018
Apache HTTP Server Administration	Nov 2014 - Nov 2017
Tomcat Administration	Mar 2014 - Nov 2017
C++ Programming	Jul 2014 - Jul 2017
Oracle Certified Associate Applied	Jun 2016 - Jul 2017
Java SE Fundamentals	Feb 2012 - Jul 2016
Continuous Delivery and Tooling	Oct 2014 - Mar 2016
Oracle Certified Programmer Examtraining	Nov 2014 - Jan 2016
Java EE 7 Upgradetraining	Jun 2015 - Sep 2015
Java SE 8 Upgradetraining	Jun 2015 - Sep 2015
Java EE 7 Programming	Sep 2014 - Nov 2014

## Consultancy

Customer	Description	Period
ITPH / Next Program	Hands-on development with 14 persons on miscellaneous apps for demo-purposes for the end of a training project	Feb 2019 (4 days)
Imperial Tobacco	Improve the source code management process - using Git	Feb 2019 (7 days)
ProgramIT	Consulting on setting up a customized training for novice Java developers who are looking for a job	May 2016 (2 days)
AZL	Provide advice on setting up JAX-WS web services with Oracle JDeveloper 12	Oct 2013 (1 day)
DataVisual	Advising and guiding how to use Continuous Delivery and -Deployment for the development-team of DataVisual	Feb 2012 (3 days)

## Employers

Employer	Job description	Period
Infor Global Solutions	Senior Software Engineer	Sep 2012 - Dec 2013
Belastingdienst (B/CAO)	Senior Software Engineer	Sep 2004 - Sep 2012
Previder	Internal network administrator / sysadmin	Feb 2004 - Aug 2004
Arkance	Software engineer	Mar 2003 - Nov 2003
Metaal Kennis Groep (MKG)	Software engineer	Dec 2001 - Jan 2003
IT-to-IT	Netwerkspecialist at several projects	Mar 1998 - Dec 2001
Aan de Stegge BV	Network and sysadmin	Aug 1995 - Mar 1998
Stichting Jeugd en Gezin Twente	Programmer, System Administrator and Employee Financial Administration	Sep 1989 - Aug 1995

# Extensive list

## Leadershiproles

**Oct 2024 .. currently**

*Techlead and Coach*

*Energie Data Services Nederland (EDSN), Amersfoort*

- As tech lead, co-responsible for a major migration project
  - As a coach, motivate people to do what needs to be done.
- 

**Oct 2008 .. currently**

*Coach and Trainer*

*Capgemini, Global Knowledge, Computrain..., Utrecht*

- As a coach for Carpago clients, my role is mainly to empower people.
  - As a trainer for Carpago clients, you continuously guide people towards their goals and the purpose of the training.
- 

**Jan 2024 .. Jul 2024**

*Quartermaster*

*Kamer van Koophandel, Utrecht*

- Starting up the project with medior developers
  - Analyse developmentstack
- 

**Mar 2020 .. Jun 2022**

*Quartermaster*

*Belastingdienst (B/CAO), Apeldoorn*

- Starting up the project 'Private usage lease car' with medior developers
  - Analyse developmentstack
  - Monitor code quality
-

<b>Sep 2018 .. Dec 2019</b>	<i>Lead and Scrummaster</i>  <i>Spectrum Multimedia &amp; IT, Breda</i> <ul style="list-style-type: none"> <li>• Leading two consecutive teams of fifteen people distanced from the labor market (two days per week).</li> <li>• During these two periods of six months, provided courses in JavaScript, Java, NodeJS, SpringBoot, and Scrum.</li> <li>• During this process, provided leadership both in groups and individually regarding efficiency and personal effectiveness.</li> </ul>
<b>Feb 2018 .. Sep 2018</b>	<i>Lead and Trainer</i>  <i>Capgemini IT Academy, Utrecht</i> <ul style="list-style-type: none"> <li>• Designed the content and structure of various larger training programs for backend and frontend, ranging from three weeks to three months, and then provided the training - including serving as Scrum Lead.</li> <li>• Played a leading role within the teams to achieve the best possible Scrum structure and optimize performance.</li> </ul>
<b>Jul 2015 .. Oct 2016</b>	<i>Lead developer</i>  <i>Allego, Arnhem</i> <ul style="list-style-type: none"> <li>• Catching up on a four-week backlog in the schedule within three weeks.</li> <li>• Lead for the team implementing the API for BMW charging stations. Allego maintains BMW's backend.</li> <li>• Leading medior developers. Conducting meetings with developers and testers at BMW.</li> </ul>
<b>Sep 2004 .. Aug 2012</b>	<i>Senior Java developer</i>  <i>Belastingdienst (B/CAO), Apeldoorn</i> <ul style="list-style-type: none"> <li>• Initiating, starting, and conducting courses within the Tax and Customs Administration/Center for ICT for the SCJP exam (later OCP).</li> <li>• Leading a team for the migration from PowerBuilder/Sybase to Java EE.</li> <li>• Leading a team of five people responsible for a proof of concept (POC) for using Grails within B/CICT.</li> <li>• Leading and initiating the use of Jenkins within B/CICT.</li> </ul>

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**Mar 1998 .. Dec 2001**     *Netwerkspecialist*

*IT-to-IT, Hengelo*

- Leading five people within the Menzis helpdesk to work structurally with ITIL and to make the helpdesk more effective.
- Leading five people in rolling out Windows 2000 within Menzis.
- Initiating and leading a project with five people responsible for mitigating the Y2K issue.

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**Aug 1995 .. Jan 1998**     *Head IT*

*Aan de Stegge, Goor*

- Responsible for the entire network at the headquarters in Goor (since 1995).
- As a network specialist, leading two other network administrators (since 1996).
- During a takeover in Germany, leading fifteen people at Bormet Machine Factory in Weiterstadt (DE).

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**Sep 1989 .. Aug 1995**     *Head IT*

*Stichting Jeugd en Gezin Twente, Almelo*

- Taking a leading role in implementing the first electronic payments for nursing care within Jeugdzorg Twente.
- Leading a team of three people and the project to establish an ISDN connection between the various offices. The team consisted of a functional administrator, a network administrator, and myself.

# Self employed Carpago

## Assignments

Sep 2024 .. currently

*EDSN (Energie Data Services Nederland), Amersfoort*

*Senior DevOps Engineer*

### Assignment description

At EDSN, responsible for the technical migration of an externally developed application into EDSN's infrastructure (insourcing)

### Objective

- Migration of the PHP applications CO2monitor.nl, Energieopwek.nl, and NED.nl from an external organization in Groningen to EDSN.

### Results

- On 21-02-2024, the entire stack is in an OpenShift / ROSA cluster, ready for acceptance
- On 27-03-2025, we went live with the entire stack. See references below.

### References

- <https://co2monitor.nl>
- <https://energieopwek.nl>
- <https://ned.nl>

### Used techniques, systems and methodologies

Java, Kotlin, PHP, Python, JPA, JUnit, Mockito, Spring Boot, Spring Security, MySQL, Postgres, IntelliJ, Maven, Apache, Argo CD, AWS, Docker Enterprise Edition, Kubernetes, OpenShift, Design Patterns, DevOps, JSON, Scrum and XML



**Jan 2024 .. Jul 2024**

*Kamer van Koophandel (KVK), Utrecht*

*Full Stack Senior Developer*

**Assignment description**

Creating an application to make the registration of companies easier and better via the digital workplace (DWP).

**Objective**

- The first objective is to make the registration of sole proprietorships easier and better. Later, we will also focus on partnerships and limited partnerships (maatschap and CV).
- Afterwards, the development of a new validation and mutation service within KVK.

**Used techniques, systems and methodologies**

Java, Kotlin, TypeScript, Angular, JPA, JUnit, Mockito, Spring Boot, Spring Security, Postgres, HTML5, IntelliJ, GitLab CI/CD, Swagger/OpenAPI, Docker Enterprise Edition, Kubernetes, Rancher, Camunda, Design Patterns, DevOps, Gradle, JSON, OWASP, Scrum, UML+BPML and WebGoat

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**Jul 2023 .. Oct 2023**

*Carpago Training, Almelo*

*Author of Kotlin courseware: Kotlin for Java Developers*

**Assignment description**

Writing slides, exercises and solutions for the Kotlin for Java Developers training

**Objective**

- Having slides, exercises and solutions for the Kotlin for Java Developers training

**Results**

- We have slides, exercises and solutions with good feedback and responses for the Kotlin for Java Developer training

**Used techniques, systems and methodologies**

Java and Kotlin

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### Assignment description

Working on various projects of [Recognize](#)

### Objective

- The first objective is to launch and improve the [MorgenWonen](#) application
- Then within team Yellow and team Red working on various projects and products e.g. [Trimble](#), [Digibase](#) and [Asset Check](#)

### Results

- Did the ARES project for MorgenWonen. Then completed the product Digibase::WKB within team Geel. Then completion of Asset Check

### Used techniques, systems and methodologies

Java, Kotlin, TypeScript, Angular, Cucumber+Selenium, JPA, JUnit, Mockito, Spring Boot, Postgres, HTML5, IntelliJ, Swagger/OpenAPI, Azure, Docker Enterprise Edition, Kubernetes, Terraform, Design Patterns, DevOps, Gradle, JSON, Scrum and UML+BPML

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*T-shaped Senior Software Engineer Java EE, Lead Web Developer*

### **Assignment description**

Migration from Lotus Notes Groupware to Java and Angular for the project PGA/UZGB (Private Use Car / Commercial Use Only). As part of the Rationalization, the Lotus Notes Groupware application is being migrated to a Java EE with Angular environment. This is related to the long-term goal of bringing commercial applications under open source. Substantiation is based on lower costs of software maintenance and the acquisition of knowledge to maintain the software.

### **Objective**

- In Q2 2021, the application PGA must have been migrated from Lotus Notes Groupware to Java and Angular
- In Q4 2021, the application UZGB must have been migrated from Lotus Notes Groupware to Java and Angular

### **Results**

- The implementation of PGA will be completed in the first quarter of 2022. The explanation of the long(er) project is mainly due to the start of the project in March 2020 with new people from a home-work situation with little or no remote tooling at that time
- The implementation of UZGB is finished in Q2-2022. Project has therefore been completed and ended.

### **Used techniques, systems and methodologies**

Java, TypeScript, Angular, Java EE, Jersey, JPA, JUnit, Mockito, Spring Boot, Spring, SOAP, DB2, HTML5, IntelliJ, Maven, Jenkins, Swagger/OpenAPI, Design Patterns, DevOps, JSON, Scrum, Sonar, UML+BPML and XML

**May 2019 .. Jan 2020**     *Spectrum Multimedia & IT, Breda*

*Programmer Java, Spring Boot and Angular*

**Assignment description**

Creation of a web-application to administer the learning goals of students for Spectrum. Having the role of developer and leading a group of four developers.

**Objective**

- Create a web application with which we can monitor the learning objectives and progress per student of his learning objectives

**Results**

- We are now able to manage the learning objectives per student, with security and available online everywhere. The app now runs in the test environment. See reference below.

**Used techniques, systems and methodologies**

Java, Angular, JPA, Spring Boot, Spring Security, REST, CSS3, HTML5, Git and IntelliJ

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**Jan 2019 .. Mar 2019**     *NextProgram, Eindhoven*

*Author Trainingsmaterial Android*

**Assignment description**

Creation of Android course material

**Objective**

- Create courseware for the Android Awareness Training

**Results**

- Created courseware and rolled the training of 2019, April 4th and the 5th

**Used techniques, systems and methodologies**

Java, Android and JUnit

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*Trainer, Developer and Consultant*

**Assignment description**

Writing courseware, material and assignments for training a couple of six persons to learn advanced unit-testing, mocking and integrationtesting with Spring Boot

**Objective**

- Train a couple of six junior- and medior developers to independently make unit-tests, mocks and integration-tests using Spring Boot

**Results**

- The six developers now have enough knowledge to independently make unit tests, mocks and integration tests with Spring Boot

**Used techniques, systems and methodologies**

Java, JPA, JUnit, Mockito, Spring Boot, MySQL, IntelliJ and Maven

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*Trainer, Developer and Consultant*

### **Assignment description**

Training multiple groups from starting developers to junior Java and Frontend developer. Implementing applications using Java/SpringBoot and JavaScript/Angular to support the development- and trainingsproces

### **Objective**

- Trainees should be able to take the OCA exam in 3 to 5 weeks
- Trainees must be able to complete a full stack from MySQL via Spring Boot and REST to JS with Ajax technology including jQuery and Bootstrap
- Trainees must be able to participate in a team as a full junior developer

### **Results**

- Trained several groups (8+) whereby the above mentioned objectives are achieved

### **Used techniques, systems and methodologies**

Java, JavaScript, jQuery, Jersey, JPA, JUnit, Mockito, Spring Boot, REST, MySQL, Bootstrap, CSS3, HTML5, Git, IntelliJ, Maven, Docker Community Edition, JSON, OWASP, Scrum, Security - Principles of Secure Coding and WebGoat

*Architect and Senior Software Engineer*

### **Assignment description**

Enable and simplify the using of Test Automation, especially the integration-testing between the different layers in a Java EE application environment.

### **Objective**

- Take care of the integration and structure between unit testing, integration testing, performance testing and automated acceptance
- Make it easy to make integration tests
- Show clearly using a dashboard that we run test scenarios for each feature and show this in Jenkins

### **Results**

- Ultimately, a framework is created which enables the developer to run and test the entire Java EE application. The only thing to do by the developer is creating Cucumber Features and Step files. All intermediate layers such as Controller, Service, Queue, Model and Database are run in a Spring Boot container with an in-memory database. Therefore a full End-To-End test is possible without the intervention of a person. The framework is made with amongst other things Java, Java EE, Spring Boot and Cucumber

### **Used techniques, systems and methodologies**

Java, Cucumber+Selenium, Java EE, Jersey, JPA, Spring Boot, HTML5, Eclipse, IntelliJ, Maven, Tomcat, DevOps, JSON, Scrum, Sonar and XML

*Senior Software Engineer and Team Lead*

### **Assignment description**

Within Allego responsible for realizing the Hsubject module for the Oktoberfest project. This project realizes software for recharging stations for electronic cars including communications with backend systems like SAP.

### **Objective**

- Before end of project delivered the specifications for the Hsubject module
- Implementation of the Clearing module for authorization of RFID cards
- Further details are subject to an NDA agreement and are open for verbal discussion

### **Results**

- All objectives have been realized, in addition to that ...
- Implementation of several CRUD applications internal for Allego
- Implementation van Continuous Delivery

### **Reference**

- <https://www.allego.eu>

### **Used techniques, systems and methodologies**

Java, Jersey, JHipster, JUnit, Spring Boot, Spring Security, SOAP, MySQL, Postgres, Eclipse, Maven, Apache, NGinx, Tomcat, DevOps, ELK (ElasticSearch, LogStash, Kibana), JSON, Scrum, Sonar and XML



*Senior Java Software Engineer*

**Assignment description**

Within DUO responsible for the technical support of junior and medior developers and the implementation of the new Private Portal for DUO. The new Private Portal is the portal through which the students can administer their scholarship and such from January, 2016

**Results**

- Implementation of several RESTful webservices for the new portal using Java and Spring
- Added some new Angular screens with their respective menu-items
- Adding several features and bugfixing

**Reference**

- <https://www.duo.nl/particulier/>

**Used techniques, systems and methodologies**

Java, Java EE, JUnit, Spring, REST, SOAP, MySQL, Postgres, Eclipse, NGinx, Tomcat and Sonar

**Jan 2014 .. Aug 2014**

*Cooperatie Rundvee Verbetering (CRV International), Arnhem*

*Grails consultant and developer*

**Assignment description**

Providing training for the Grails Development Framework. Also, the development of functionality for the CRV web application using Grails

**Objective**

- Implementing and supporting the development with the Grails software factory

**Results**

- Trained thirty people internally from Unifact to Grails software developer
- Migrated a large Uniface application (Manure and Mineral application) to a Grails application
- Implemented several use cases

**Reference**

- <https://apps.crv4all.nl/veemanager/>

**Used techniques, systems and methodologies**

Grails, Groovy, Selenium, MySQL, Eclipse, Git and Jenkins

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**Aug 2013 .. Dec 2013**     *Ministerie van Economische Zaken - project Aeries, Utrecht / Almelo*

*Software Engineer and consultant regarding Google Web Toolkit*

**Assignment description**

Developing several use cases with GWT for the implementation of the Aeries project for functionality which have to be avail at January, 2014.

**Objective**

- Implementing software using Java, Java EE and GWT for the Aeries application

**Results**

- According to plan all functionality for the Aeries application was realized before January 2014

**References**

- <https://www.wing.nl>
- <https://www.computable.nl/artikel/informatie/awards-nieuws/5762449/1853296/ministerie-van-ez-scoort-met-aeries-nominatie.html>

**Used techniques, systems and methodologies**

Java, GWT, Java EE, MySQL, Eclipse and Git

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**Apr 2009 .. Oct 2010**     *Sinatec, Hongkong*

*Java and Grails software engineer*

**Assignment description**

Design and program a Grails application with a touchscreen that allows a customer using his license plate or car type to get advice regarding his oil, lights and spark-plugs that are available for this type of vehicle.

**Objective**

- See objective above

**Results**

- After oktober 2010 several gasoline-stations are using the Sinatec application

**Reference**

- <https://www.sinatec.com/>

**Used techniques, systems and methodologies**

Grails, Groovy, Java, Eclipse and Linux

---

Jun 2008 .. Jul 2008

*DataVisual, Enter*

*Software Engineer*

### **Assignment description**

Realize a a SOAP web service for Project iSignaal with JAX-WS so that businesses can register their sickness absence.

### **Objective**

- The objective of this project was complete automation of reporting sick, control and reintegration system.

### **Results**

- Within a month the objective of this project was reached.

### **References**

- <https://www.unit4.com/nl/software/hr/unit4-verzuimsignaal>
- <https://www.datavisual.nl>

### **Used techniques, systems and methodologies**

Java and SOAP

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Nov 2007 .. Feb 2008

*DataVisual, Enter*

*Software Engineer*

### **Assignment description**

Create a new front- and back-end for the website of Lucky Luke from Rijssen with Java EE technology

### **Objective**

- Responsible for design, implementation, functional testing and load testing of the JSF pages
- Responsible for the persistence layer using JPA in combination with MySQL

### **Results**

- The frontend and backend are delivered on time to Lucky Luke and meets expectations

### **References**

- <https://www.lucky.nl>
- <https://www.datavisual.nl>

### **Used techniques, systems and methodologies**

Java, Java EE, JSF, MySQL and Eclipse

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## Trainings

### Kubernetes Application Essentials (CN120)

06/10/2025 and 06/11/2025: 18 people in Londen (Virtueel)

03/18/2025 and 03/19/2025: 9 people in Nieuwegein

03/04/2025 and 03/05/2025: 16 people in Londen (Virtueel)

12/05/2024 and 12/06/2024: 18 people in Londen (Virtueel)

11/12/2024 and 11/13/2024: 3 people in Nieuwegein (Virtueel)

10/01/2024 and 10/02/2024: 18 people in Londen (Virtueel)

06/18/2024 and 06/19/2024: 4 people in Utrecht

05/14/2024 and 05/15/2024: 18 people in Londen (Virtueel)

05/23/2023 and 05/24/2023: 4 people in Nieuwegein (Virtueel)

03/07/2023 and 03/08/2023: 8 people in Nieuwegein (Virtueel)

01/31/2023 and 02/01/2023: 4 people in Nieuwegein

12/21/2022 and 12/22/2022: 8 people in Hoofddorp (Virtueel)

12/06/2022 and 12/07/2022: 6 people in Stockholm en Londen (Virtueel)

11/29/2022 and 11/30/2022: 6 people in Stockholm en Londen (Virtueel)

#### Topics covered

Docker Community Edition and Kubernetes

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### Docker Containerization Essentials (CN100)

05/12/2025: 3 people in Nieuwegein

03/17/2025: 6 people in Nieuwegein

11/11/2024: 10 people in Nieuwegein (Virtueel)

05/22/2023: 5 people in Nieuwegein (Virtueel)

04/04/2023: 14 people in Schiphol

03/06/2023: 5 people in Nieuwegein (Virtueel)

01/30/2023: 3 people in Nieuwegein

01/03/2023: 9 people in Deventer

12/16/2022: 8 people in Hoofddorp

11/28/2022: 12 people in Stockholm en London (Virtueel)

03/01/2022: 12 people in Eindhoven

06/14/2021: 13 people in Nieuwegein (Virtueel)

05/17/2021: 6 people in Nieuwegein (Virtueel)

08/24/2020 and 08/25/2020: 9 people in Nieuwegein (Virtueel)

06/08/2020 and 06/09/2020: 10 people in Nieuwegein (Virtueel)

05/25/2020 and 05/26/2020: 2 people in Nieuwegein (Virtueel)

04/29/2020: 5 people in Mechelen, Belgie (Virtueel)

03/09/2020 and 03/10/2020: 9 people in Amsterdam

01/13/2020 and 01/14/2020: 3 people in Nieuwegein

### **Topics covered**

Docker Community Edition and Kubernetes

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### **Docker and Kubernetes introduction with Azure and OpenShift deployment**

04/11/2025: 7 people in Utrecht (Virtueel)

01/17/2025: 4 people in Utrecht (Virtueel)

10/25/2024: 8 people in Utrecht (Virtueel)

07/12/2024: 10 people in Utrecht (Virtueel)

04/19/2024: 8 people in Amsterdam (Virtueel)

01/12/2024: 5 people in Amsterdam (Virtueel)

10/06/2023: 5 people in Amsterdam

09/18/2023: 7 people in Hoofddorp (Virtueel)

06/05/2023: 5 people in Amsterdam

04/13/2023 and 04/14/2023: 7 people in Hoofddorp (Virtueel)

05/25/2022 and 06/16/2022: 4 people in Eindhoven (remote)

### **Topics covered**

Docker Community Edition, Docker Enterprise Edition, Kubernetes, Azure, OpenShift and Argo CD

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## **Kubernetes Operations (CN220)**

03/20/2025 and 03/21/2025: 4 people in Nieuwegein

11/14/2024 and 11/15/2024: 6 people in Nieuwegein (Virtueel)

06/08/2023 and 06/09/2023: 5 people in Nieuwegein (Virtueel)

03/09/2023 and 03/10/2023: 5 people in Nieuwegein (Virtueel)

02/02/2023 and 02/03/2023: 4 people in Nieuwegein

12/27/2022: 2 people in Hoofddorp (Virtueel)

12/08/2022 and 12/09/2022: 6 people in Stockholm en London (Virtueel)

12/01/2022 and 12/02/2022: 6 people in Stockholm en London (Virtueel)

04/13/2021 and 04/14/2021: 4 people in Den Haag (Virtueel)

### **Topics covered**

Docker Community Edition, Docker Enterprise Edition, Kubernetes, Helm, OpenShift and Rancher

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## **Docker Certified Associate (DCA)**

09/09/2024 .. 12/13/2024 (10 evenings): 4 people in Amsterdam (Virtueel)

### **Topics covered**

Docker Community Edition, DevOps, Kubernetes, Docker Enterprise Edition, AWS and OpenShift

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## **Java Advanced (OCP)**

09/24/2024 .. 09/26/2024: 2 people in Leeuwarden (Virtueel)

### **Topics covered**

Java, Design Patterns and Integrationtesting

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## **Kubernetes Native Application Development (CN230)**

06/20/2024 and 06/21/2024: 2 people in Utrecht

### **Topics covered**

Docker Community Edition, Docker Enterprise Edition, Kubernetes, Helm, Rancher, Azure, Prometheus, Jenkins and GitHub Actions

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## **Kotlin for Java Developers + Spring Boot**

03/25/2024 .. 03/27/2024: 4 people in Utrecht (Virtueel)

### **Topics covered**

Kotlin, Java, Spring MVC, Spring Boot, REST, JPA, Spring WebFlux, Unittesting, Integrationtesting and Spring Security

---

## **Frontend Development**

03/08/2024: 8 people in Utrecht (Virtueel)

01/27/2020 .. 01/31/2020: 7 people in Utrecht

08/07/2018, 08/13/2018 and 08/14/2018: 9 people in Utrecht

### **Topics covered**

HTML5, JavaScript, CSS3, Bootstrap, REST and Angular

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## **JavaScript Fundamentals**

01/09/2024 .. 01/11/2024: 4 people in Utrecht

07/10/2023, 07/17/2023 and 07/18/2023: 6 people in Utrecht

04/13/2022, 04/14/2022 and 04/15/2022: 5 people in Utrecht

01/11/2022, 01/12/2022 and 01/13/2022: 4 people in Utrecht (Virtueel)

05/20/2019, 05/21/2019 and 05/22/2019: 8 people in Utrecht

03/19/2016: 5 people in Utrecht

11/03/2014 and 11/04/2014: 11 people in Den Bosch

10/08/2014 and 10/09/2014: 11 people in Den Bosch

10/06/2014 and 10/07/2014: 11 people in Den Bosch

11/26/2013 .. 11/28/2013: 7 people in Groningen

12/12/2012 .. 12/14/2012: 5 people in Utrecht

### **Topics covered**

JavaScript

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## **Java Development with Spring Boot**

10/17/2023 and 10/20/2023: 8 people in Hoofddorp

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09/26/2022 .. 09/29/2022: 10 people in Heijenrath

06/20/2022 .. 06/23/2022: 8 people in Zwolle

03/08/2022 .. 06/16/2022 (7 days): 4 people in Eindhoven (remote)

06/06/2019 and 06/13/2019: 8 people in Zwolle

03/25/2019 .. 06/03/2019 (4 days): 5 people in Utrecht

03/12/2019, 03/13/2019 and 03/19/2019: 3 people in Amsterdam

02/12/2018 .. 02/15/2018: 7 people in Hasselt (BE)

07/10/2017 .. 07/13/2017: 3 people in Houten

02/22/2017 .. 03/03/2017 (4 evenings): 8 people in Utrecht

#### **Topics covered**

Java, Spring MVC, Spring Boot, REST, JPA, Spring WebFlux, Unittesting, Integrationtesting and Spring Security

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#### **Linux Fundamentals**

10/13/2023: 8 people in Alphen aan den Rijn

09/11/2023: 7 people in Hoofddorp (Virtueel)

06/20/2023: 5 people in Hoofddorp (Virtueel)

12/15/2022: 2 people in Hoofddorp (Virtueel)

12/14/2020: 8 people in Utrecht (Virtueel)

11/10/2020: 7 people in Utrecht (Virtueel)

10/26/2020: 5 people in Utrecht (Virtueel)

01/30/2020 and 01/31/2020: 6 people in Utrecht

04/11/2019 and 04/12/2019: 6 people in Utrecht

08/02/2018 and 08/03/2018: 7 people in Groningen

#### **Topics covered**

Linux

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#### **Kotlin for Java Developers**

09/14/2023 and 09/21/2023: 9 people in Gorinchem

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## **Topics covered**

Kotlin

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## **Git for developers**

07/14/2023: 7 people in Amsterdam

06/22/2017 and 06/23/2017: 6 people in Amsterdam

09/18/2015: 5 people in Nieuwegein

03/23/2015: 5 people in Nieuwegein

## **Topics covered**

Git

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## **Java for DevOps**

07/11/2023: 7 people in Amsterdam (Virtueel)

11/04/2020 and 11/18/2020: 15 people in Groningen (Virtueel)

11/03/2020 and 11/17/2020: 17 people in Groningen (Virtueel)

01/08/2019 .. 02/12/2019 (4 days): 9 people in Groningen

01/07/2019 .. 02/11/2019 (4 days): 9 people in Groningen

## **Topics covered**

Java, Docker Community Edition, Docker Enterprise Edition and OpenShift

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## **Persistence from database to JPA**

06/13/2023: 5 people in Discord

04/12/2022 and 05/20/2022: 4 people in Discord

08/06/2018: 9 people in Utrecht

## **Topics covered**

MySQL and JPA

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## **Testing and Security**

02/21/2023, 03/17/2023 and 03/21/2023: 9 people in Deventer

04/22/2022 and 05/06/2022: 16 people in Discord

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05/08/2018 .. 05/16/2018 (5 days): 7 people in Utrecht

### **Topics covered**

JUnit, Mockito, Security - Principles of Secure Coding and Spring Security

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### **Oracle Certified Associate**

01/09/2023, 01/20/2023 and 01/25/2023: 10 people in Deventer

04/08/2022 .. 05/16/2022 (5 days): 4 people in Discord

04/25/2022 .. 05/12/2022 (8 days): 7 people in Groningen

09/21/2020 .. 10/01/2020 (8 days): 8 people in Groningen

03/02/2020, 03/03/2020 and 03/16/2020: 5 people in Oostzaan

01/08/2020 .. 01/24/2020 (9 days): 9 people in Utrecht

09/02/2019 .. 09/05/2019 (4 days): 8 people in Groningen

07/04/2019, 07/11/2019 and 07/25/2019: 12 people in Zwolle

04/01/2019 .. 05/14/2019 (15 days): 9 people in Zwolle

04/18/2019 .. 04/26/2019 (4 days): 9 people in Deventer

01/09/2019 .. 04/25/2019 (12 evenings): 9 people in Eindhoven

10/29/2018 .. 11/14/2018 (8 days): 7 people in Groningen

10/22/2018 and 10/24/2018: 8 people in Deventer

09/10/2018 .. 09/25/2018 (7 days): 11 people in Groningen

04/05/2017 .. 04/07/2017: 6 people in Amsterdam

02/06/2017 .. 02/13/2017 (5 days): 8 people in Utrecht

12/13/2016 and 12/15/2016: 14 people in Utrecht

### **Topics covered**

Java

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### **OpenShift Essentials**

12/28/2022: 2 people in Hoofddorp (Virtueel)

06/24/2022: 8 people in Zwolle

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## **Topics covered**

Kubernetes and OpenShift

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## **Angular**

10/11/2022 and 10/12/2022: 3 people in Eersel

06/17/2019 and 06/24/2019: 5 people in Groningen

09/05/2018 .. 12/20/2018 (12 evenings): 11 people in Eindhoven

## **Topics covered**

JavaScript, TypeScript and Angular

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## **Design Patterns**

02/01/2022, 02/02/2022 and 02/03/2022: 3 people in Utrecht

11/01/2021 .. 11/03/2021: 3 people in Utrecht

07/22/2020 and 09/10/2020: 5 people in Apeldoorn (Virtueel)

12/11/2019, 12/12/2019 and 12/13/2019: 5 people in Utrecht

## **Topics covered**

Java and Design Patterns

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## **Mirantis Secure Registry (MSR)**

11/18/2021: 5 people in Nieuwegein (Virtueel)

## **Topics covered**

Docker Enterprise Edition, Kubernetes and Helm

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## **Mirantis Kubernetes Engine (MKE)**

11/17/2021: 5 people in Nieuwegein (Virtueel)

## **Topics covered**

Docker Enterprise Edition and Kubernetes

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## **Jenkins Workshop**

08/13/2021: 7 people in Nieuwegein (Virtueel)

06/25/2021: 13 people in Nieuwegein (Virtueel)

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### Topics covered

Jenkins and Docker Community Edition

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### Advanced Docker Enterprise Troubleshooting (CN310)

04/15/2021 and 04/16/2021: 4 people in Den Haag (Virtueel)

### Topics covered

Docker Community Edition, Docker Enterprise Edition and Kubernetes

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### Docker for Enterprise Operations (CN210)

08/26/2020, 08/27/2020 and 08/28/2020: 7 people in Nieuwegein (Virtueel)

03/11/2020, 03/12/2020 and 03/13/2020: 6 people in Amsterdam

### Topics covered

Docker Community Edition, Docker Enterprise Edition and Kubernetes

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### Docker for Enterprise Developers (DOCK6019)

05/27/2020 and 05/28/2020: 4 people in Nieuwegein (Virtueel)

### Topics covered

Docker Community Edition, Docker Enterprise Edition and Kubernetes

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### Full Stack NodeJS Software Engineer Intro

05/28/2019 .. 12/18/2019 (49 days): 8 people in Breda

### Reference

- <https://www.spectrummultimedia.nl>

09/13/2018 .. 03/29/2019 (52 days): 8 people in Breda

### Topics covered

HTML5, JavaScript, CSS3, Bootstrap, REST, Angular, JSON, MySQL, Git and Scrum

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### Oracle Certified Programmer

09/09/2019 .. 09/12/2019 (4 days): 8 people in Groningen

10/29/2015, 11/12/2015 and 11/19/2015: 10 people in Culemborg

09/15/2014 .. 09/19/2014: 9 people in Eindhoven

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## Topics covered

Java

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### Oracle Certified Associate Examtraining

07/26/2019: 5 people in Utrecht

03/20/2019: 1 person in Zwolle

01/29/2019: 13 people in Zwolle

04/11/2018 and 04/18/2018: 10 people in Zwolle

03/13/2018 and 03/19/2018: 7 people in Utrecht

04/10/2017 and 04/11/2017: 6 people in Amsterdam

03/07/2017 and 03/17/2017: 8 people in Utrecht

## Topics covered

Java

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### Developer Devops Training

06/20/2019 .. 06/28/2019 (4 days): 7 people in Deventer

11/19/2018 .. 12/18/2018 (10 days): 6 people in Deventer

09/12/2016 .. 10/19/2016 (18 days): 11 people in Eindhoven

## Results

- Implementing an Angular frontend and corresponding REST service for a painting-maintenance application for Liebrechts at Eindhoven

## Reference

- <https://www.liebrechts.com>

05/17/2016 .. 06/24/2016 (15 days): 13 people in Enschede

## Topics covered

UML+BPML, Java, Spring Boot, Maven, Git, REST, Jersey, JPA, HTML5, Angular, MicroServices, DevOps, Jenkins, Docker Community Edition and Scrum

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### OCP Topics and Security

05/01/2019 .. 05/23/2019 (10 days): 6 people in Utrecht

04/24/2018 .. 08/01/2018 (6 days): 7 people in Groningen / Zwolle

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11/27/2017 .. 12/08/2017 (10 days): 7 people in Utrecht

#### **Topics covered**

Java, Angular, REST, Security - Principles of Secure Coding and Spring Security

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#### **Android Awareness**

04/04/2019 .. 04/17/2019 (5 days): 8 people in Utrecht

#### **Topics covered**

Android, Java, JUnit and Gradle

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#### **Full Stack Java Software Engineer Intro**

06/11/2018 .. 07/20/2018 (25 days): 10 people in Utrecht

03/20/2018 .. 04/10/2018 (10 days): 10 people in Zwolle

02/26/2018 .. 03/12/2018 (10 days): 7 people in Utrecht

10/02/2017 .. 10/19/2017 (14 days): 8 people in Zwolle

#### **Topics covered**

HTML5, JavaScript, CSS3, Bootstrap, REST, Angular, MySQL, JPA, JUnit, Mockito, Security - Principles of Secure Coding, Spring Security, Java, Spring, Spring Boot, Git, Maven and Jenkins

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#### **C++ Advanced Programming**

03/01/2018 .. 04/26/2018 (8 evenings): 12 people in Vianen

04/13/2016 .. 04/15/2016: 13 people in Utrecht

01/22/2014 .. 01/24/2014: 13 people in Utrecht

#### **Topics covered**

C++, C++ Standard Library and C++ Standard Template Library

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#### **Apache HTTP Server Administration**

11/16/2017 and 11/17/2017: 6 people in Amsterdam

08/14/2017 .. 08/16/2017: 4 people in Houten

05/09/2017 and 05/10/2017: 4 people in Utrecht

02/24/2016 and 02/25/2016: 12 people in Etten-Leur

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11/05/2015 and 11/06/2015: 4 people in Utrecht

05/20/2015 .. 05/22/2015: 10 people in Veenendaal

02/09/2015 and 02/10/2015: 5 people in Amsterdam

11/06/2014 and 11/07/2014: 12 people in Utrecht

### **Topics covered**

Apache, Linux, Docker Community Edition and MicroServices

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## **Tomcat Administration**

11/13/2017 .. 11/15/2017: 7 people in Utrecht

11/23/2016 .. 11/25/2016: 7 people in Amsterdam

05/09/2016 .. 05/11/2016: 10 people in Utrecht

05/11/2015 .. 05/13/2015: 7 people in Utrecht

02/04/2015 .. 02/06/2015: 13 people in Amsterdam

09/22/2014 .. 09/24/2014: 9 people in Maastricht

08/20/2014 .. 08/22/2014: 9 people in Amsterdam

05/21/2014 .. 05/23/2014: 7 people in Amsterdam

03/03/2014 .. 03/05/2014: 6 people in Den Haag

### **Topics covered**

Tomcat and Java

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## **C++ Programming**

06/06/2017 .. 07/26/2017 (8 evenings): 12 people in Vianen

01/19/2015 .. 02/03/2015 (5 days): 9 people in Eindhoven

07/07/2014 .. 07/11/2014: 7 people in Utrecht

### **Topics covered**

C++ and C++ Standard Library

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## **Oracle Certified Associate Applied**

06/13/2017 .. 07/04/2017 (4 days): 7 people in Utrecht

02/20/2017 .. 02/24/2017 (4 days): 8 people in Utrecht

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01/19/2017 .. 01/25/2017 (4 days): 7 people in Utrecht

12/22/2016 .. 01/03/2017 (4 days): 13 people in Utrecht

10/20/2016 .. 10/25/2016 (4 days): 20 people in Utrecht

08/18/2016 .. 08/23/2016 (4 days): 7 people in Utrecht

06/23/2016 .. 06/29/2016 (4 days): 9 people in Utrecht

#### **Topics covered**

Java, JUnit, Maven, Git and Jenkins

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### **Java SE Fundamentals**

07/06/2016 .. 07/12/2016 (5 days): 9 people in Amsterdam

03/08/2016 .. 03/11/2016: 5 people in Houten

11/10/2014 .. 11/14/2014: 9 people in Nieuwegein

10/20/2014 and 10/21/2014: 11 people in Den Bosch

10/01/2014 and 10/02/2014: 11 people in Den Bosch

09/29/2014 and 09/30/2014: 11 people in Den Bosch

09/08/2014 .. 09/12/2014: 13 people in Amsterdam

07/15/2013 .. 07/19/2013: 9 people in Den Haag

02/06/2012 .. 02/10/2012: 9 people in Amsterdam

#### **Topics covered**

Java

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### **Continuous Delivery and Tooling**

03/16/2016 and 03/17/2016: 8 people in Arnhem

01/15/2015 and 01/16/2015: 10 people in Amsterdam

10/23/2014 and 10/24/2014: 10 people in Amsterdam

#### **Topics covered**

Java, Spring Boot, JUnit, Git, Maven, Jenkins and Sonar

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### **Oracle Certified Programmer Examtraining**

01/12/2016 and 01/19/2016: 10 people in Culemborg

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10/05/2015 .. 10/09/2015: 8 people in Utrecht

11/24/2014 and 11/25/2014: 7 people in Utrecht

**Topics covered**

Java

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**Java EE 7 Upgradetraining**

09/22/2015 .. 09/24/2015: 14 people in Utrecht

06/23/2015 .. 06/25/2015: 12 people in Eindhoven

**Topics covered**

Java, Java EE, JSON, REST and JMS

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**Java SE 8 Upgradetraining**

09/08/2015 .. 09/10/2015: 12 people in Utrecht

06/08/2015, 06/10/2015 and 06/11/2015: 12 people in Eindhoven

**Topics covered**

Java

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**Java EE 7 Programming**

11/17/2014 .. 11/21/2014: 9 people in Utrecht

10/13/2014 .. 10/17/2014: 12 people in Utrecht

09/01/2014 .. 09/05/2014: 12 people in Groningen

**Topics covered**

Java, Java EE and JMS

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**UML, OO and RUP**

12/19/2012 .. 12/21/2012: 5 people in Amsterdam

**Topics covered**

Java, RUP and UML+BPML

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**Advanced JavaScript**

08/01/2011 and 08/02/2011: 9 people in Amsterdam

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## Topics covered

JavaScript and jQuery

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## Consultancy

**Feb 2019 (4 days)**     *ITPH / Next Program te Zwolle*

### **Description**

Hands-on development with 14 persons on miscellaneous apps for demo-purposes for the end of a training project

### **Objective**

Help the programmers with their various problems related to their apps with Angular 7, Java and Spring Boot / REST

### **Results**

Successfull demo's on the 3rd of March, 2019

### **Used techniques, systems and methodologies**

Java, JPA, Spring Boot, REST and Git

---

**Feb 2019 (7 days)**     *Imperial Tobacco te Joure*

### **Description**

Improve the source code management process - using Git

### **Objective**

Working more effectively with Git and GitLab and using a good branching strategy

### **Results**

Imperial Tobacco has set up its version control management in accordance with develop, release and master branching strategy.

### **Used techniques, systems and methodologies**

Git

---

**May 2016 (2 days)**     *ProgramIT te Eindhoven*

**Description**

Consulting on setting up a customized training for novice Java developers who are looking for a job

**Objective**

Advising and start producing a good training to help trainees find a job in Java

**Results**

Created courseware for two groups in Enschede and Eindhoven and later on started training them with this courseware.

**Reference**

- <https://www.liebregts.com>

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**Oct 2013 (1 day)**     *AZL te Heerlen*

**Description**

Provide advice on setting up JAX-WS web services with Oracle JDeveloper 12

**Objective**

Working effectively with Oracle JDeveloper to create JAX-WS web services in development

**Results**

Implemented three webservises together with development team and verified that the knowledge is secured within the team

**Reference**

- <https://www.azl.eu>

**Used techniques, systems and methodologies**

Java and Java EE

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**Feb 2012 (3 days)**     *DataVisual te Enter*

**Description**

Advising and guiding how to use Continuous Delivery and -Deployment for the development-team of DataVisual

**Objective**

Working effectively with SCM, Continuous Delivery and -Deployment

**Results**

Git, Jenkins and Spring / Spring Boot applications are automatically deployed to the appropriate environment

**Reference**

- <https://www.datavisual.nl>

**Used techniques, systems and methodologies**

Java, Git, Jenkins and DevOps

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# Product development

**Dec 2024 .. currently**      *Various AI projects*

## **Job description**

Senior DevOps Engineer

## **Objective**

- The goal is to make good use of AI

## **Results**

- Sending a voice message to the OpenAI audio service, which then returns the text, and using this in Spring Boot.
- Creating a chat API that asynchronously calls the ChatGPT API.
- Comparing two JSON results from the same API at different times so that office work in a training organization becomes easier.
- Testing a student's knowledge to qualify for a particular course, using only AI tooling such as the ChatGPT API.

## **Used techniques, systems and methodologies**

Java, Python, Angular, JPA, JUnit, Mockito, Spring Boot, IntelliJ, OpenAI API, Design Patterns and DevOps

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**Aug 2020 .. Jul 2021**      *Linux Kernel Development*

## **Job description**

Linux Kernel Developer

## **Objective**

- No target, but I like to (regularly) investigate time and research in the source code of the Linux kernel

## **Used techniques, systems and methodologies**

C and x86-64 Assembly

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Mar 2020 .. currently      *General office work and development*

### **Job description**

Owner Carpago Software and Developer

### **Objective**

- Develop various in-office development tasks such as planning tools, Git tooling, release notes and cloud hosting etc.

### **Results**

- Application made for planning with C++
- Docker tool that asks which services you want and the tool then creates a document(Dockerfile/yaml)
- Automatically generating release notes from Git, Azure hosting etc.

### **Used techniques, systems and methodologies**

Eclipse, Git, IntelliJ and Azure

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Jul 2019 .. currently      *Backend scaffolder: a tool for automatically generating a NodeJS or Spring Boot REST api including MySQL database and an HTML5-UI*

### **Job description**

Programmer Java and NodeJS

### **Objective**

- The purpose of the backend scaffolder is to generate a full backend via a simple input file (JSON), JHipster (.jh file).
- Input is a description of the model to be made including relationships (OneToOne, OneToMany and ManyToMany).
- The backend scaffolder will then generate a NodeJS or Spring Boot REST api based on this input, including a DDL for generating a database and an HTML5-UI.

### **Results**

- Update 07/20/2020: Application runs in test environment on the reference below (user:demo, pass:demo). Status is: full supporting NodeJS and Spring Boot including an HTML5 UI.

### **Reference**

- <https://scaffolder.test.carpago.nl>

### **Used techniques, systems and methodologies**

Java, JavaScript, ANTLR, Spring Boot, REST, MySQL, Postgres, Bootstrap, CSS3, Git, IntelliJ, GitHub Actions, Docker Community Edition, Kubernetes, NGinx and Compilers

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**Nov 2017 .. Feb 2018**     *Planner application for children in elementary school*

**Job description**

Software Engineer

**Objective**

- Some people have problems with planning tasks. There are already enough mature tools that support this work. But not immediately child-friendly and convenient for schools. To meet this need, I have developed a planner app that easily and easily schedules tasks for children in primary school

**Results**

- Running Angular app

**Used techniques, systems and methodologies**

Java, TypeScript, Angular, JUnit, Spring Boot, Spring Security and REST

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**Jun 2016 .. Dec 2016**     *A Java to Angular translator*

**Job description**

Software Engineer

**Results**

- Delivered the Java - Angular translator to Github

**Reference**

- <https://github.com/rloman/java-angular-translator>

**Used techniques, systems and methodologies**

Java, JFlex, Angular, ANTLR, JUnit, HTML5 and Compilers

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**Aug 2012 .. Jun 2014**    *A JUnit test generator*

**Job description**

Software Engineer

**Results**

- Realized a Java application which is able to build JUnit tests based on annotation in existing code including mocks when applicable

**Reference**

- <https://github.com/carpago/test-expert>

**Used techniques, systems and methodologies**

Java, JVM and JUnit

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# Employers

Sep 2012 .. Dec 2013     *Infor Global Solutions, Barneveld*

*Senior Software Engineer*

## **Responsibilities**

- Developing webapplications and components using GWT for the Infor ERP product
- Supporting Junior and Medior Software Engineers

## **Results**

- Released the 1.0 version of the HTML-ui for the Infor product with the development team

## **Reference**

- <https://nl.infor.com>

## **Used techniques, systems and methodologies**

Java, JavaScript, jQuery, GWT, Spring Boot and Eclipse

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### **Responsibilities**

- Implementation of use cases and eliminate distortions
- Developing customized parsers for parsing XML messages
- Implementation of use cases using Java proxies with CoolGen
- Supporting fellow developers
- Implementation of JCA with replaces the above-mentioned Java Proxies
- Investigating the possibility of using Grails for easy management screens
- Helping start up new Web projects within the Tax Development
- Analyze and implement a PowerBuilder / Sybase Java compiler
- Providing certification training (OCJP, OCWCD formerly SCJP and SCWCD)
- Coaching internal employees
- Create and implement software which generated manuals and other (mandatory) documentation generation from the sourcecode
- Translating PowerBuilder source code to Java source code using the mentioned compiler above

### **Results**

- Implemented several use cases
- Implementation of JCA in place of the above-mentioned Java Proxies
- The Tax is now using three environments which are build using Grails for CRUD functionality
- After three months produced a compiler that can transform a PowerBuilder / Sybase screen to a full Java EE app
- Implement a ClearCase  $\Leftrightarrow$  Git bridge

### **Used techniques, systems and methodologies**

CUP, Java, JavaScript, JFlex, jQuery, ANTLR, Java EE, JUnit, MySQL, Eclipse, Git, Maven, Jenkins, JMS, Scrum, UML+BPML and XML

**Feb 2004 .. Aug 2004**

*Previder, Hengelo*

*Internal network administrator / sysadmin*

**Responsibilities**

- Responsible for the internal network maintenance, -infrastructure and fixing seconde line disturbances
- Monitoring the internal network
- Creating backups and restoring if applicable
- Amend code from some ASP.net and PHP applications from customers

**Reference**

- <https://www.previder.nl>

**Used techniques, systems and methodologies**

Linux

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**Mar 2003 .. Nov 2003**

*Arkance, Wierden*

*Software engineer*

**Responsibilities**

- Developing Web Applications with ASP.NET
- As a consultant / designer get the requirements from customer
- Create functional design requirements
- Train colleagues internally

**Results**

- Implementation of the intranet of Delta Zutphen
- Implementation eCommerce Great Garden Products website
- Implementation of NewsLetter; a newsletter technique for sending newsletters

**References**

- <https://www.arkance.world/nl-nl/>
- <https://www.greatgardenproducts.co.uk>

**Used techniques, systems and methodologies**

PHP

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**Dec 2001 .. Jan 2003**

*Metaal Kennis Groep (MKG), Hengelo*

*Software engineer*

**Responsibilities**

- Developing ERP software using Progress 4GL
- Developing webapplications using PHP
- Amending of use cases within the ERP application of MKG
- Creating some webapplications using PHP, MySQL en Apache
- Introducing the web application paradigm within MKG

**Results**

- Realised Orderinfo - a web app which aims at communicating price-list between supplier and buyer
- Introducing PHP within MKG
- Graduated during this year to the HIO part-time / evening school in Enschede

**Reference**

- <https://www.mkg.eu>

**Used techniques, systems and methodologies**

Java, PHP and Progress 4GL

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**Mar 1998 .. Dec 2001**

*IT-to-IT, Hengelo*

*Netwerkspecialist at several projects*

### **Responsibilities**

- Management and troubleshooting of complex network-related issues and disruptions
- Daily maintenance on NT 4.0 file servers and workstations
- Interim manager helpdesk

### **Results**

- Organize networks of distribution points Bleckmann / TNT
- All libraries in Overijssel now have a combination of book loan-systems integrated with the Internet. By means of Cisco 2611 routers.
- ITIL introduced on several helpdesks
- Migration from Novell 4.x to NT 4.0/Windows 2000

### **Reference**

- <https://www.it2it.nl>

### **Used techniques, systems and methodologies**

Cisco iOS, Linux, Novell Netware and Windows

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**Aug 1995 .. Mar 1998**     *Aan de Stegge BV, Goor*

*Network and sysadmin*

**Responsibilities**

- Responsible for maintenance of a network system of 60 workstations
- Daily management
- Managing redesigning IT department and infrastructure for a German metalworking Industry (Bormet). Worked three years in Weisterstadt/Darmstad on a biweekly basis
- Advising in the field of network security.
- Develop procurement program serving with Clipper

**Results**

- Diverse but also realizing a paperless / arm in office construction in Overijssel. Done Nov 1997

**Reference**

- <https://adsgroep.nl>

**Used techniques, systems and methodologies**

Clipper, DB4 and Novell Netware

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**Sep 1989 .. Aug 1995**

*Stichting Jeugd en Gezin Twente, Almelo*

*Programmer, System Administrator and Employee Financial Administration*

### **Responsibilities**

- Responsible for system and financial administration
- Management and control of money for foster parents living in Overijssel
- Implementation of foster parents administration system
- Develop an application with PC/Focus that fully automatically calculates the compensation to foster parents which in its turn will be paid through the bank and then processed and registered in the accounts
- Developing applications with Data Star, Clipper and CalcStar

### **Results**

- Stg. Youth and Family Twente was the first national organization for Youth Assistance whereby the financial compensation was transferred to the foster parents automatically

### **Used techniques, systems and methodologies**

Clipper, DataStar, PC FOCUS and Novell Netware

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# Education

## *School education*

Name	Description	Organisation	Period	Diploma
HIO	Computer Science, Specialisation Software Engineering (evening course)	Saxion, Enschede	Sep 1998 .. Jan 2003	yes
HAVO	General secondary education	St. Canisius, Almelo	Sep 1981 .. May 1986	yes

## *Other education*

Name	Description	Organisation	Period	Diploma
SCWCD	Sun Certified Web Component Developer	Sun	Nov 2006 .. Dec 2006	yes
SCJP	Sun Certified Java Programmer	Sun	Aug 2006 .. Sep 2006	yes
Java Developer	Three month Java and Java EE prepared for Java EE developer	Capgemini	Oct 2004 .. Feb 2005	yes
MCSE	Microsoft Certified System Engineer for the Windows 2000 platform	Microsoft	Jan 2001 .. Feb 2001	yes
AMBI HE.2	Elementary Informatics	Exin	May 1992 .. Jun 1992	yes
PDB	Practice Diploma Accounting	Stg. Ned. Associatie voor Praktijkexamens	Sep 1989 .. Jun 1991	yes
AMBI B.1	Basics File Organization	Exin	May 1989 .. Jun 1989	yes
AMBI I.2	Computing Basics (continued)	Exin	May 1988 .. Jun 1988	yes
AMBI I.1	Computing Basics	Exin	Nov 1987 .. Dec 1987	yes

## Courses

Description	Organisation	Period	Certificate
Secure Coding Foundation - Backend	Secure Code Warrior	Feb 2024	yes
Docker for Enterprise Operations (Self-study)	Global Knowledge	Feb 2020	yes
Docker for Enterprise Developers (Self-study)	Global Knowledge	Jan 2020	yes
Docker Fundamentals ( Self-study)	Global Knowledge	Dec 2019	yes
Oracle Overview	Darwin IT-Professionals	Sep 2014	yes
jQuery and HTML5 basics	Belastingdienst	Jan 2012	yes
XML Introduction and Advanced	Belastingdienst	Jan 2011	yes
ITIL Essentials	IT-to-IT	Jul 1998	yes
Novell Netware 3.1 Administration	Centric	Jun 1994	yes
PC Focus	RAET / Centraal Beheer	Nov 1989	yes

# Additional information

## Character traits

accurate, creative, communicative, motivated and competent

## Volunteer work

In my spare time I help people who have a form of Autism or ADHD with their daily problems. This includes finding a job, helping to find and especially maintaining relationships and contacts, anxiety disorders and dealing with stressful situations such as - mandatory - working from home and - mandatory - working at the office again. Assistance mainly consists of 'being there' and 'talking about it' and looking for a solution.

## Other hobbies

running, cycling, reading and listening to music