

Software engineering track - Java

Group Training

Training code	CGASETJACE
Spoken Language	Dutch
Language Materials	English
Dayparts	50
Price	€7.500,00 excl. VAT No extra costs.

What is Software engineering track - Java

As a software engineer or application developer you need multiple skills: translating requirements into functionalities, testing, web technology, databases, software architecture and the use of frameworks.

In this software engineering course, all these aspects of application development are discussed. You learn to work with, among other things, Java, Spring Boot, SQL databases, HTML/CSS3/JavaScript, Docker, among others. To test your code, use Junit. You regularly commit your code to a Git repository so that your code can be reviewed by a trainer.

This training is blended. You work independently on your application per subject. But you also have the option to walk through your code with a trainer or just ask questions.

In addition, you will also receive Java Oracle Certified Associate (OCA) training. This is 1.5 hours a day for 4 weeks. This is delivered by a trainer.

Who should attend Software engineering track - Java

This software engineering and application developer training is suitable for you if you are still at the beginning of your career or want to make a career switch, but it also offers more in-depth knowledge for the somewhat advanced programmer.

If you have just started in IT, this course will help you to lay a good foundation in the Java programming language. You mainly work independently, with the guidance of a coach when building a Java web application consisting of an HTML/Angular frontend, Spring Boot backend and database (H2/MySQL).

Prerequisites

It is important that you already have some programming experience in Java, in order to keep up with the speed. It is not recommended to participate in this training without basic Java experience.

During this training you must have a laptop on which you can install the necessary software.



Objectives

The objective of the training is to give you a good foundation to become a software engineer. This means that you can independently build a Java web application consisting of a frontend, backend and database. Your finished product of this track is a working application.

After this training you will be able to create a web application using the following components:

- Java 8 OCA Certified Programmer
- Spring Boot Fundamentals
- SpringData (SQL)
- HTML/CSS3
- Spring Web
- Unit Testing with Junit
- Integration testing in Java
- Microservices
- Javascript
- Typescript
- Angular
- Docker Fundamentals

If a third-party copyright applies to this course, you will find the copyright on <https://academy.capgemini.nl/en/topic/trademarks/>

Capgemini Academy's general terms and conditions are applied to all products and services mentioned within this document. For the latest version please check <https://academy.capgemini.com/>. The rates of products and services mentioned in this document are subject to change. For the most recent rates, please also visit our website.

About Capgemini Academy

Capgemini Academy's professionals offer what people in IT need. Our professionals have a keen eye for motivation, talent and are aware of specific contexts and circumstances. They move people to move. Programmes and courses that originate from daily experience of our both didactical and substantively strong trainers, light a fire within the individual IT professionals. Real life stories of our professionals' experience that tell how to solve problems and work with the people around it, do the rest.

An organization, like ours, helps people and their organizations day by day to get the best out of themselves and each other. We prepare them to defy tomorrow's challenges. We stimulate learning and curiosity. In order for individual IT professionals and their employers, to build better, longer and more intensive relationships. For mutual benefit.

Capgemini Academy. We transform IT professionals
academy.capgemini.nl

IN/3A-018.18