

Software Engineering with JavaScript

Group Training

Training code	CGASEJAVCE
Spoken Language	English
Language Materials	English
Dayparts	6
Price	€2.100,00 excl. VAT No extra costs.

What is Software Engineering with JavaScript

This course is designed for those who have built a webpage but are looking to expand their skills in communicating with back-ends, setting up project structures with a webserver, writing unit tests, and deploying their projects. We'll take a deep dive into the 'back-end' of front-end, covering diverse subjects such as REST and JSON, Node and Express, NPM, unit tests, design patterns, modularization, single responsibility, OWASP pitfalls, and setting up build and deploy structures. After a full week of lessons, you'll gain a comprehensive understanding of what takes place under the hood of web applications and how to integrate these concepts into your own projects.

Who should attend Software Engineering with JavaScript

- Front-end Developers looking to expand their skills
- Back-end Developers wanting to understand front-end processes
- Full-stack Developers aiming to deepen their knowledge

Prerequisites

Good understanding of web development in HTML, CSS and JavaScript is required.

Objectives

At the end of the training, you will be able to:

- Integrate external data like JSON, via REST services, into your application
- Navigate the Node landscape, including the Node package manager and packages like Express
- Write unit tests for your self-developed functionality
- Apply the concept of single responsibility and modularization

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- Develop safe and secure applications, considering OWASP pitfalls
- Create a build for your application and deploy it!

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