Full Stack Java & Angular

From a Spring Boot REST API to an Angular single-page application – your team builds and deploys the whole stack.

2 DAYS · INTERMEDIATE · REMOTE OR IN-HOUSE · GERMAN & ENGLISH · UP TO 12 PARTICIPANTS (MORE ON REQUEST)

WHO IT'S FOR

- Java developers taking on full-stack work
- Teams building a new Spring Boot and Angular application

AFTERWARDS YOUR TEAM CAN

- Build a REST API with Spring Boot and persist data in a database
- Build an Angular single-page application against that API
- Deploy the application to a hosting service

PREREQUISITES

- Java knowledge
- Basic HTML, CSS and JavaScript
- JDK, Node.js and an IDE installed

In two days your team builds a complete web application with Spring Boot and Angular: a REST API with database persistence, an Angular single-page application from scratch that talks to it, and the deployment to a hosting service. We work with the current versions of Spring Boot and Angular.

AGENDA

The order and the depth of each block are adapted to your team – topics you already master are skipped, your questions get the time instead.

01 Spring Boot Basics

- The Spring ecosystem
- Starting a project with Spring Initializr
- Spring Boot annotations
- Dependency injection

02 REST API and Persistence

- Designing a REST API
- Architectural approaches
- Database persistence
- Error handling

03 Angular Basics

- TypeScript in a nutshell
- The Angular CLI
- Standalone components
- Data binding and signals
- Component communication and lifecycle hooks
- Pipes and directives

04 Connecting Angular to the API

- Accessing the REST API via services
- RxJS for HTTP data
- Routing
- Forms and validation

05 Testing, Monitoring and Deployment

- Testing the API and the Angular application
- Monitoring Spring Boot applications
- Deploying both parts
- Documenting decisions

YOUR TRAINER



Tim Honermann

SENIOR SOFTWARE ENGINEER

Senior Software Engineer for Angular and Java, builds full-stack applications for clients and writes about it on his blog.

REQUEST A TRAINING

- For your team only – Remote or in-house
- up to 12 participants (more on request)
- from CHF 2,400 per day for the whole team
- On site: plus travel at cost
- Fixed quote within one business day
- The first call is free and without obligation
- German or English
- Based near Zurich – on site in CH, DE, AT; remote everywhere

Request this training: **offering.solutions/full-stack-java-angular-training/** · mail@offering.solutions