Java Full-Stack Engineering Academy: Spring Boot, Angular & Azure

A 288-hour academy that turns new engineers into AI-fluent full-stack developers on Java 25, Spring Boot, Angular and Azure.

DURATION	FORMAT	LEVEL	LABS
288 hours	Onsite, online or hybrid	Intermediate	Cloud sandbox included

About this programme

An immersive academy for graduate and early-career cohorts. Engineers build secure full-stack applications with modern Java, Spring Boot and Angular, then design containerised, event-driven microservices and run them on Azure with observability and SRE practice. GitHub Copilot and agentic AI are used in every module under one rule: validate every output and keep a human owner for every decision. Pre, weekly and post assessments and a rubric-scored capstone give L&D a clear view of each engineer's readiness.

Who it is for: Graduate and early-career engineering cohorts, and developers moving onto Java full-stack teams

What your team will be able to do

- Write clean, modern Java with records, sealed types, pattern matching and virtual threads
- Build secure REST APIs with Spring Boot, Spring Security and JPA, backed by automated tests
- Build responsive Angular front ends with signals, standalone components and typed forms
- Design containerised, event-driven microservices with Kafka and documented architecture decisions
- Deploy and operate services on Azure with Entra ID, Key Vault, Container Apps and Azure Monitor
- Use GitHub Copilot and agents responsibly, logging and verifying every AI suggestion

Before you start

- Basic programming in any language
- School-level problem solving; no prior Java needed

Course outline

We send the module-by-module outline with your proposal, adapted to your team's tools and goals.

Assessment and certification

How learning is checked

- A short knowledge check on day one and again at the end, so you can see each person's progress
- Graded hands-on labs in every module, reviewed by the trainer
- A final exercise that applies the programme to a problem like your team's own

Certificate and exams

- Participants who complete the programme receive a Cognitive Networks AI certificate of completion.

Formats and cohort size

- Onsite: At your office or a venue you choose, in full days.
- Online, live: Instructor-led over video, usually in half-day sessions so people can keep up with work.
- Hybrid: Some days in a room together, the rest online. Useful when a team works across cities.

Cohort size: 15 to 25 people per trainer. Larger teams run as parallel cohorts on the same outline, so everyone learns the same thing.

Pricing: We quote per cohort, based on duration, format and number of cohorts. There is no per-seat price list: tell us your team and we send a proposal within one business day.

Bring this programme to your team

Request a proposal at cognitivenetworks.ai/contact?programme=java-full-stack-academy

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