AI-Assisted Software Engineering

Ship faster and safer with GitHub Copilot, Claude Code and Cursor.

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

About this programme

Hands-on programme for engineering teams adopting AI coding assistants, from everyday completion and chat to agentic coding workflows, with the review, testing and security habits that keep quality high.

Who it is for: Software engineers, tech leads and QA engineers

What your team will be able to do

- Use AI assistants effectively for code, tests, refactors and docs
- Run agentic coding workflows with clear specs and small, reviewable diffs
- Keep quality high with test-first prompting and AI-aware code review
- Avoid licence, secret-leakage and insecure-code pitfalls
- Measure the productivity impact on your own team

Before you start

- At least one year of professional software development
- Git and a code editor such as VS Code or IntelliJ

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=ai-assisted-software-engineering

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