



TRAINER  
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# HANDS-ON AI AGENT ENGINEERING

A one-day workshop for experienced software engineers who already use AI tools — and want the quality to match the speed.

## THE PROBLEM

AI makes output faster. Reviews get longer. Codebases drift. This is not a tool problem — it is a collaboration problem, and it needs engineering discipline.

## AT A GLANCE



### 1 Day

Focused, hands-on format



### Real Repo

Exercises on your codebase



### HARNES.S.md

Team constraints made durable



### CI Rules

Quality guardrails that run



## WHAT YOU WALK AWAY WITH

You leave with artefacts in your actual repository — not slides, not notes, but things that run on Monday morning.

- Convention inventory for your codebase
- Version-controlled HARNES.S.md with enforced constraints
- Two garbage collection rules wired into CI
- A 30-day plan for applying the approach



## WHO THIS IS FOR

Experienced software engineers who use AI coding tools and care about what the codebase looks like in a year. Bring the messy project — exercises run against real code, not a demo.



## AGENDA OVERVIEW

- 01 Tooling check and honest self-assessment
- 02 Amplifier thesis and prompting as translation
- 03 Trust protocol and red-teaming AI output
- 04 Convention extraction and harness construction
- 05 Garbage collection, observability and cost discipline
- 06 30-day plan and Q&A



## ARRIVE WITH

Claude Code or GitHub Copilot installed; a codebase you can work on; no pre-reading required.

“ Every time a session ends, the AI agent forgets everything — your conventions, your decisions, the production incident that reshaped your error-handling strategy. Without a harness, you are perpetually introducing a brilliant stranger to your codebase. The harness is how you stop that.