

Preparing students
for the real future
of technology.



CodeMate *Suite of Products*

Integrated with industry leading developer environment



C0

Deep codebase intelligence for reviews, debugging and generate test cases.



CHAT

Context-aware AI integrated with Jira & KBs.



BUILD

From Figma, Prompts and BRD files to working MVPs.



CORA

Autonomous coding agent with real developer capabilities & governance guardrails.

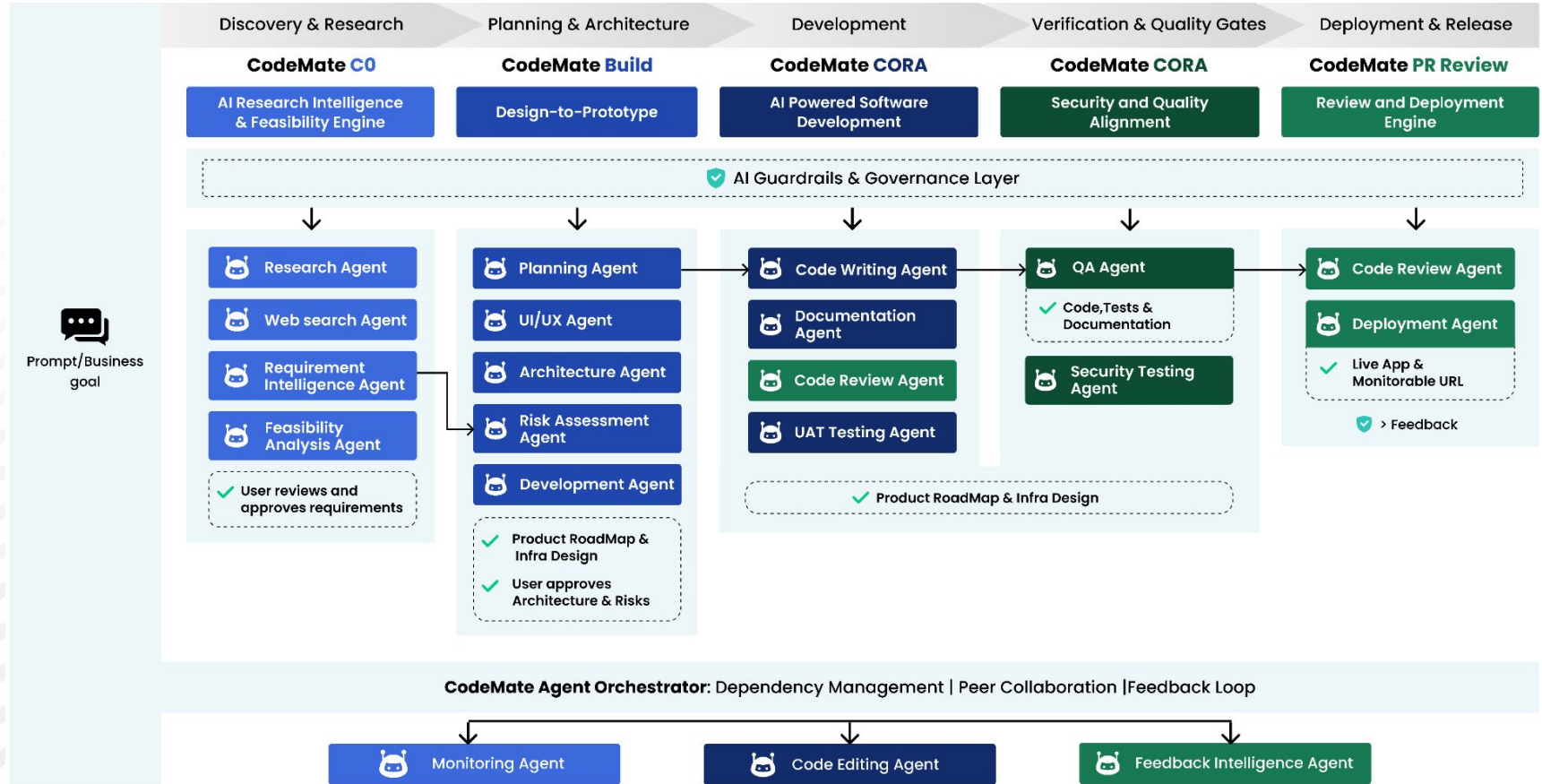


PR REVIEW AGENT

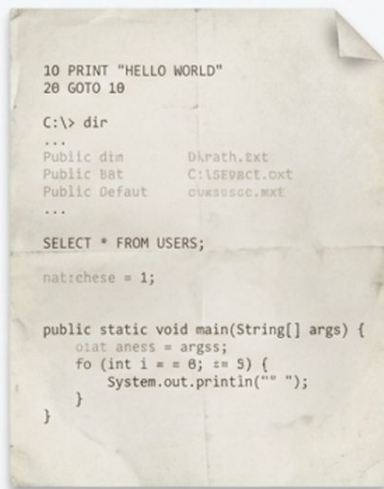
Automated PR checks and code reviews before production.



Assistive & *Autonomous Responsible AI Agent* Automating end-to end Software Development

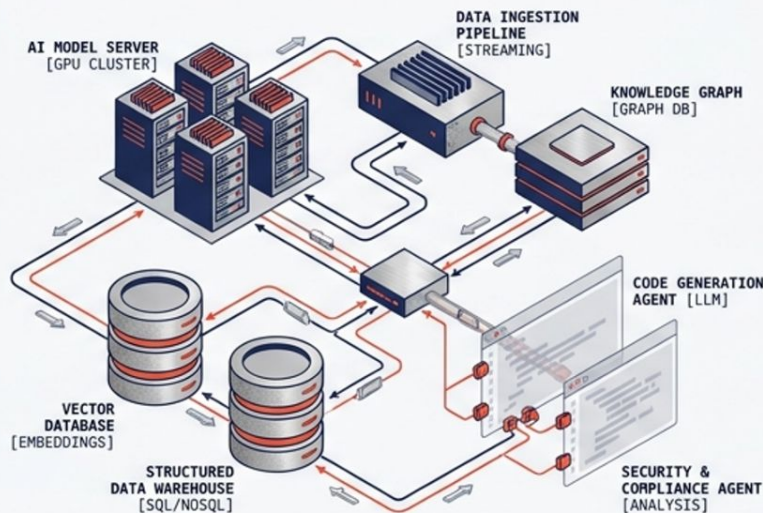


The world of software has fundamentally changed.



Decades of education prepared

Decades of education prepared students to learn syntax, memorize commands, and write isolated programs line-by-line.



Today, software is engineering system

Today, software is designed, reviewed, tested, secured, and maintained alongside intelligent systems. The future developer will not just write code—they will **orchestrate AI**.

Most AI education is disconnected from industry reality.

What Students Learn

Theory without systems

Coding without architecture

AI without deployment

Prompts without engineering

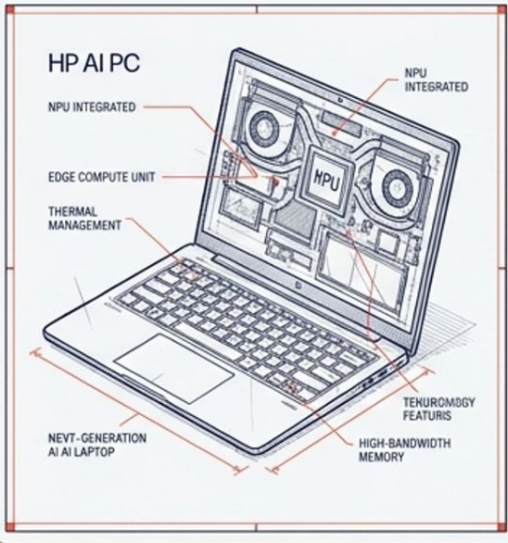
What Industry Requires

AI-native software development

Agentic workflows

Local AI inferencing

Autonomous debugging &
Intelligent code review



HP's next-generation AI PCs
and infrastructure.



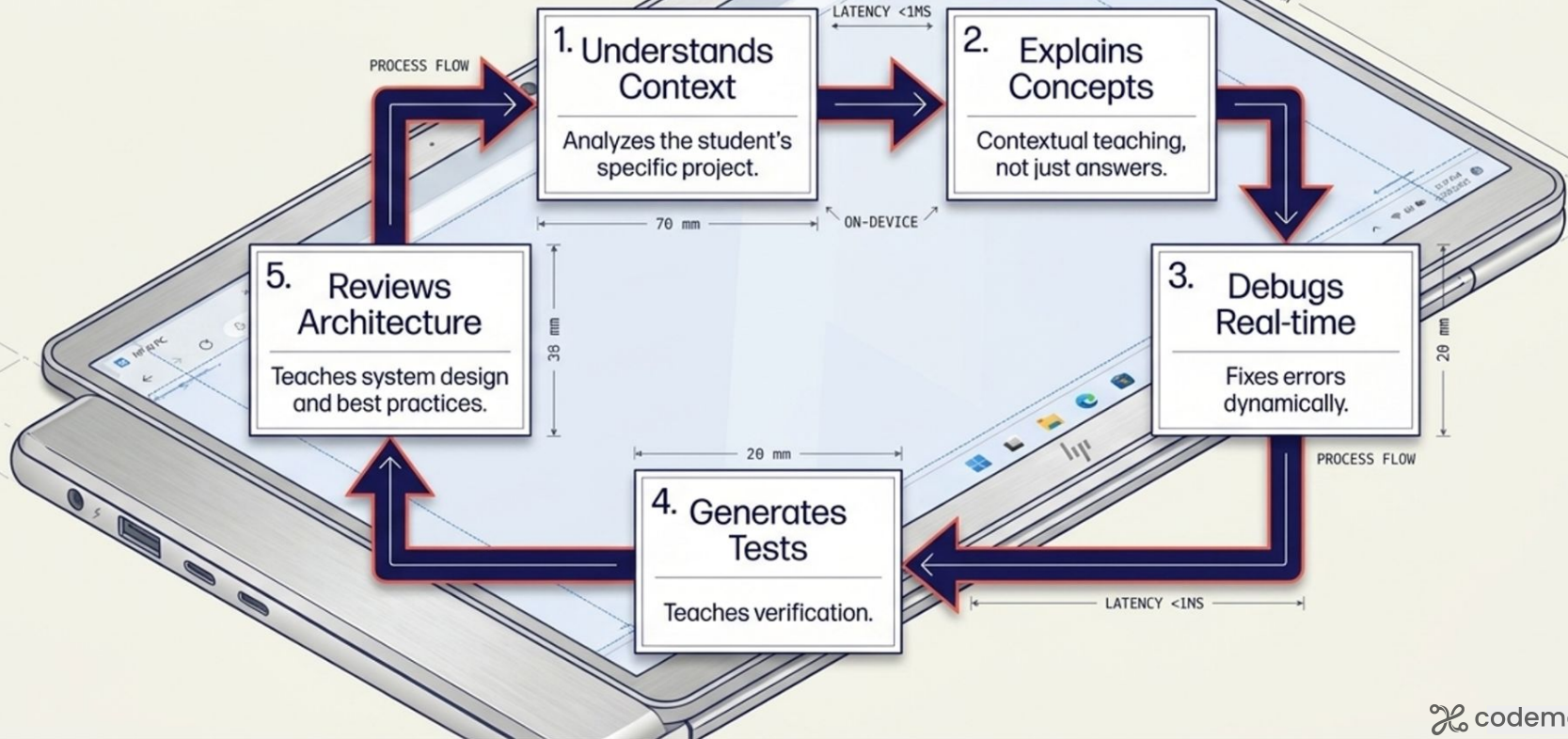
CodeMate's hardware-aware
AI coding agent.



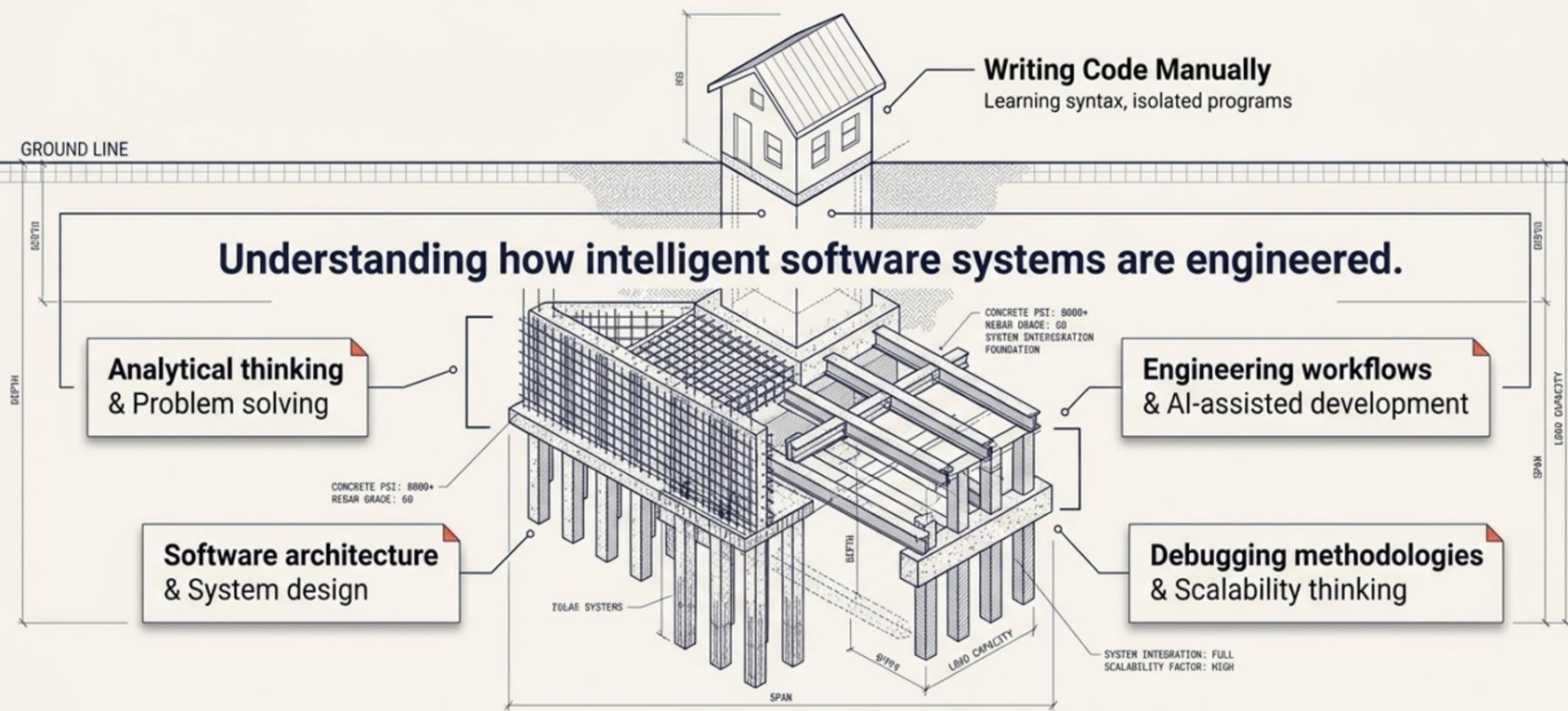
An environment where students do not just consume AI—they build with it.

The Intelligent Engineering Workspace in action

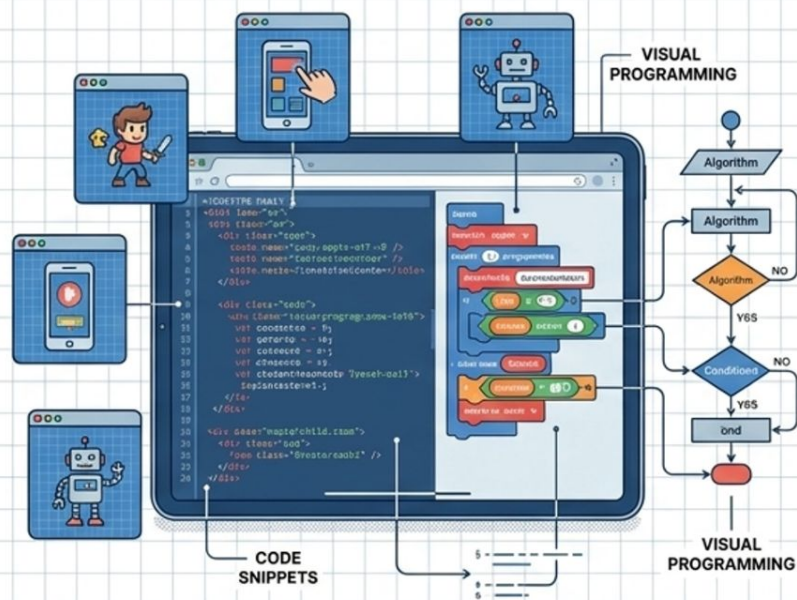
Operates entirely on-device with low latency



Developing AI-Native Engineers goes far beyond coding.



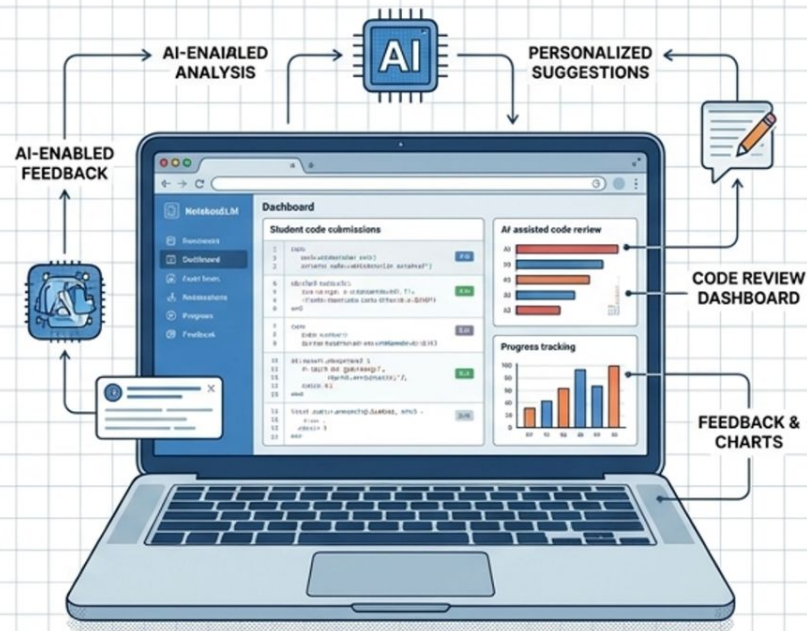
Students reverse-engineer how modern software is built, observing how massive architectures communicate and evolve.



For Students

Learning becomes exploratory, creative, and hands-on. Students build games, apps, robotics projects, and AI experiences without the fear of complex syntax blocking their ideas.

ENGINEERING BLUEPRINT

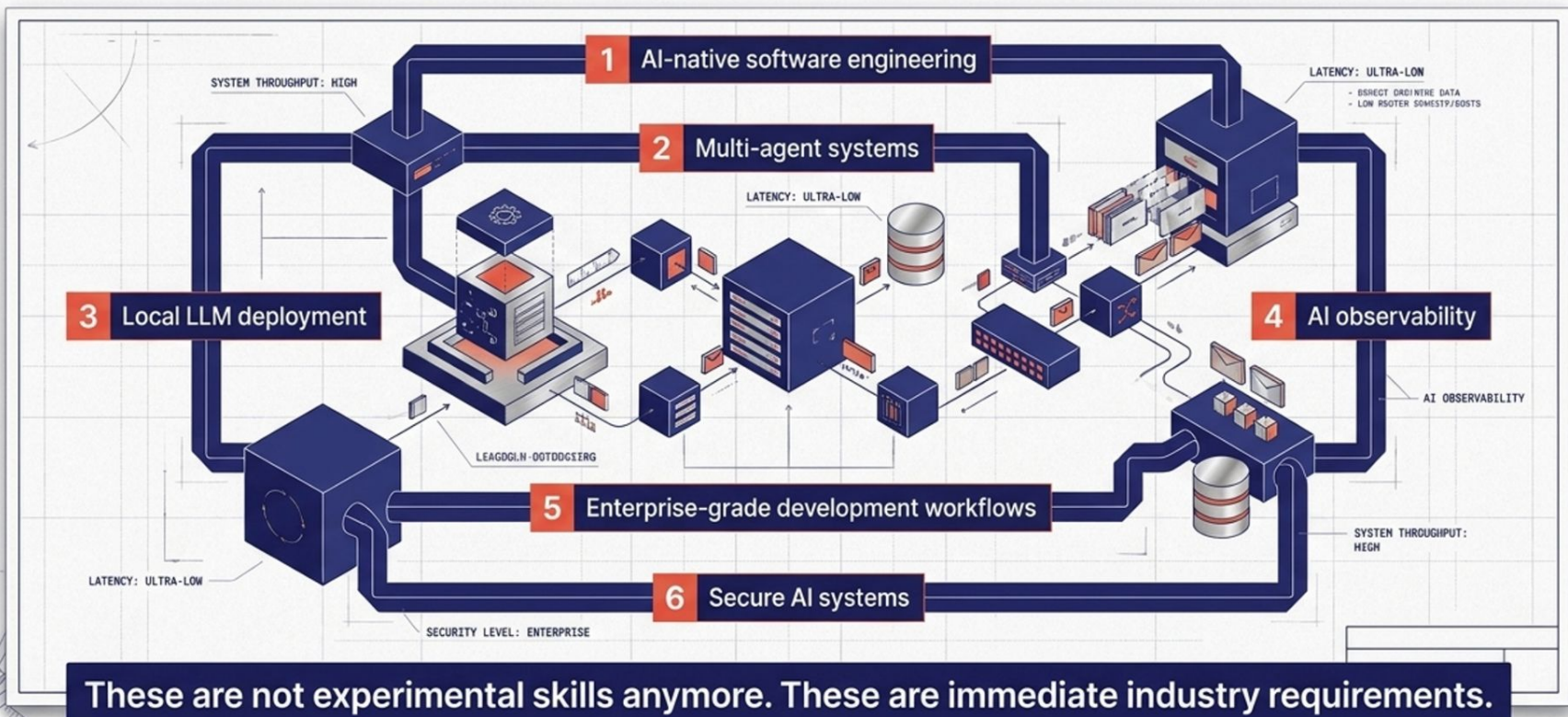


For Teachers

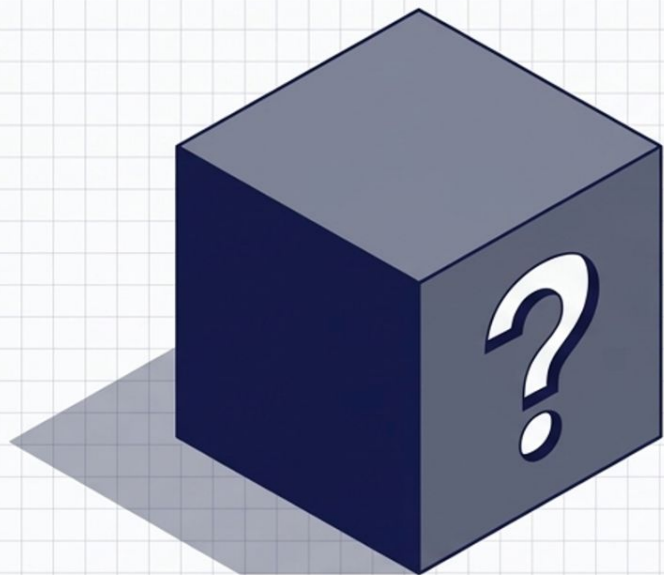
Shifting educators from spending hours on repetitive evaluation to becoming highly effective, AI-enabled mentors.

ENGINEERING BLUEPRINT

Equipping colleges for enterprise-ready engineering.

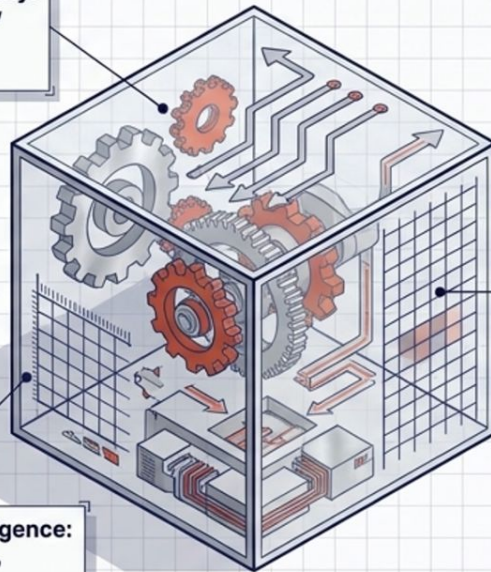


Moving beyond the Black Box with CodeMate.



The Black Box

Observability & Traceability:
Students see exactly how systems reason and architectures evolve.



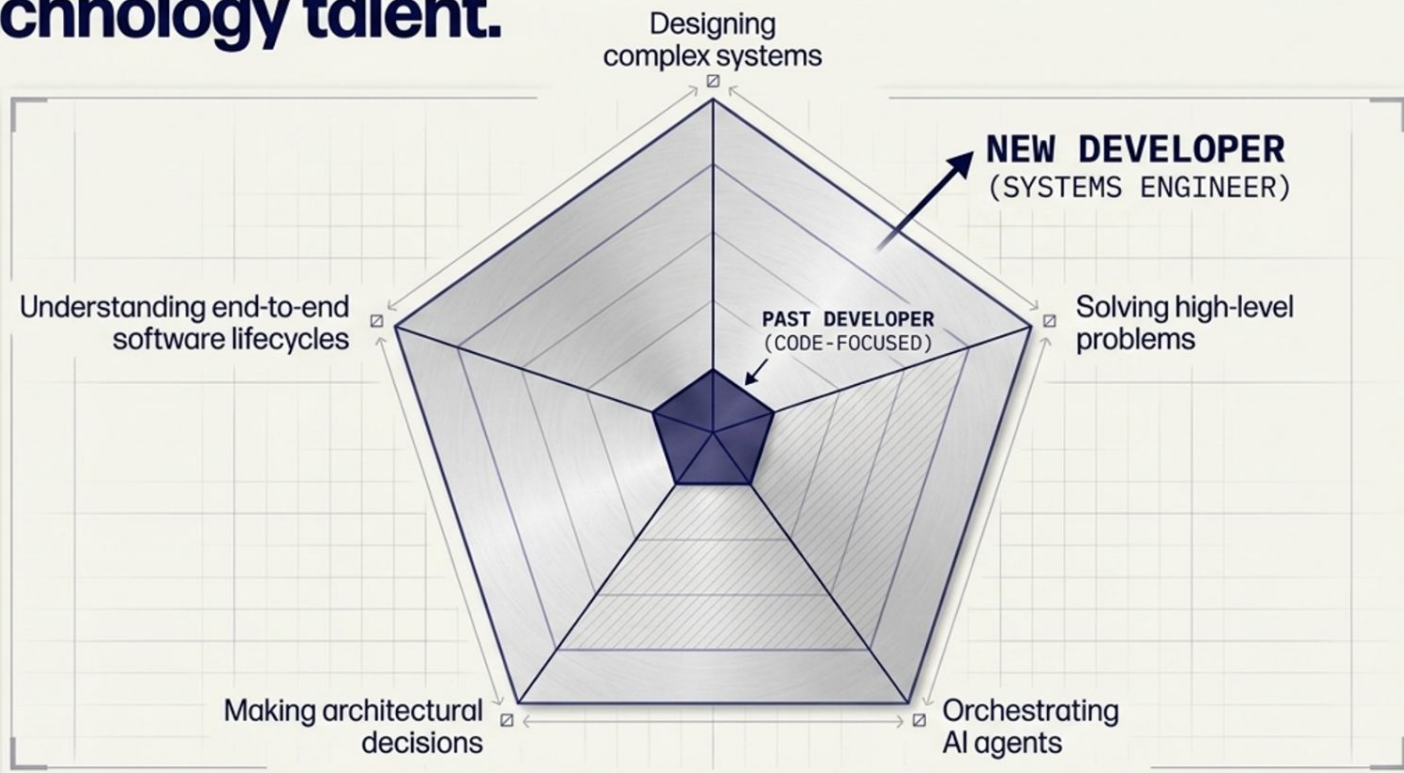
Contextual Understanding:
AI-assisted SDLC workflows embedded in the classroom.

Enterprise-grade Intelligence:
Visible decision-making, not just hidden outputs.

The "Glass Box"

This is not passive AI usage. This is AI engineering literacy.

The new value proposition for technology talent.



The next generation developer will not be valued only for typing code faster.
HP × CodeMate Labs prepare students for this new reality.

**The next generation will not
ask, “How do I use AI?”**

**They will ask, “How do I
build the future with AI?”**