

Top 10 Predictions for Software Engineering in 2030

Coding



Death of manual coding for routine tasks

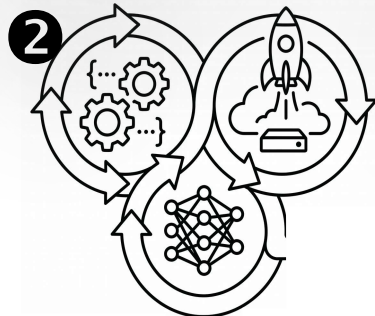


Prompt Engineering becomes a core SE discipline

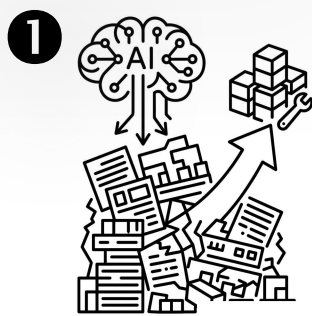


Classical IDEs will disappear

Life-cycle

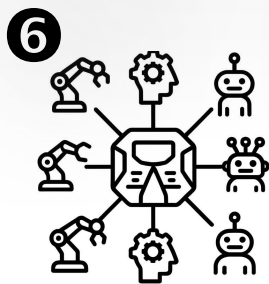


Integrated CI/CD/AI Pipelines will become standard



GenAI-induced technical debt crisis and recovery

Team

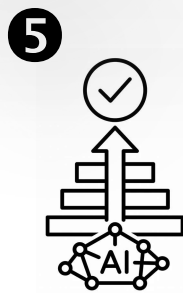


Multi-Agent orchestration platforms become mainstream



"10x Developer" becomes "10x Orchestrator"

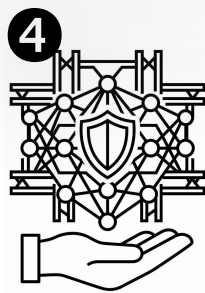
Compliance



Rise of AI accountability standards



Emergence of "Software Compliance as Code"



Emergence of "Responsible GenAI Engineering"

