4 Courses

Claude Code: Software Engineering with Generative AI Agents

AI Agents and Agentic AI with Python & Generative AI

Prompt Engineering for ChatGPT

OpenAI GPTs: Creating Your Own Custom AI Assistants

VANDERBILT UNIVERSITY

Oct 19, 2026

Jules White

Erick Edward Shepherd

has successfully completed the online Specialization

Generative AI Software Engineering

This specialization demonstrates mastery of AI-powered software engineering through hands-on development of integrated automation systems. Learners gain practical experience orchestrating Claude Code agents to build full-stack applications in minutes while managing parallel development streams across multiple git branches. The coursework includes developing Python-based autonomous agents that independently process data, analyze documents, and execute complex multi-step workflows without human intervention. Graduates successfully engineer sophisticated prompts and deploy custom GPTs tailored to specific business contexts, transforming generative AI tools into domain-expert assistants for complex professional tasks.

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