

3 Courses

AI Agents and Agentic AI with Python & Generative AI

Prompt Engineering for ChatGPT

AI Agents and Agentic AI Architecture in Python

VANDERBILT UNIVERSITY

Nov 15, 2025

Hitesh Sharma

has successfully completed the online, non-credit Specialization

AI Agents and Agentic AI in Python: Powered by Generative AI

This certificate recognizes the successful completion of the AI Agents & Agentic AI in Python Specialization, demonstrating expertise in designing, building, and optimizing autonomous AI agents from the ground up. The holder of this certificate has mastered core agent principles, including agent loops, self-prompting, tool integration, multi-agent collaboration, and robust API interaction—without relying on short-lived frameworks. This credential certifies a deep understanding of AI agent architecture and design, equipping the recipient with the ability to develop powerful, scalable, and maintainable AI systems optimized for efficiency, adaptability, and real-world impact. Graduates of this specialization possess the skills to engineer cutting-edge AI agents.

Jules White

Dr. Jules White, Professor of Computer Science, Senior Advisor to the Chancellor on Generative AI in Enterprise

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at: https://coursera.org/verify/specialization/S7FZI0I924AA