



8 Courses

Develop Generative AI Applications: Get Started

Build RAG Applications: Get Started

Vector Databases for RAG: An Introduction

Advanced RAG with Vector Databases and Retrievers

Build Multimodal Generative AI Applications

Fundamentals of Building AI Agents

Agentic AI with LangChain and LangGraph

Agentic AI with LangGraph, CrewAI, AutoGen and BeeAI



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Vanessa Diaz

has successfully completed the online, non-credit Professional Certificate

IBM RAG and Agentic AI: Build Next-Gen AI Systems

The certificate holder is proficient in building advanced generative AI applications using RAG, agentic, and multimodal AI technologies. They understand the core concepts and real-world applications of generative AI and agent frameworks. They can design effective prompts, implement function calling, and use tools like LangChain to orchestrate complex reasoning workflows. They can build autonomous and collaborative agents that use memory, feedback, and chaining to solve structured and unstructured problems. They are able to integrate APIs, tools, and multi-step reasoning to create flexible, self-improving systems. They can design multi-agent architectures using frameworks like CrewAI and LangGraph, enabling distributed decision-making, dynamic context switching, and role-based coordin

Rav Ahuja
CCO & Global Program
Director
IBM Skills Network

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