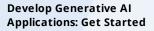


8 Courses



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



Aug 30, 2025

Todd Takala

has successfully completed the online, non-credit Professional Certificate

IBM RAG and Agentic Al

The certificate holder is proficient in building advanced generative Al applications using RAG, agentic, and multimodal Al technologies. They understand the core concepts and real-world applications of generative Al 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 CrewAl 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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