4 Courses

IBM

Develop Generative AI Applications: Get Started

Build RAG Applications: Get Started

Vector Databases for RAG: An Introduction

Advanced RAG with Vector Databases and Retrievers

Dec 8, 2025

Muzammil Khan

has successfully completed the online Specialization

RAG for Generative AI Applications

The certificate holder is skilled in building GenAI-powered applications using Retrieval-Augmented Generation (RAG) techniques. They understand the core principles of RAG and can combine LLMs with advanced retrieval methods to produce context-aware outputs. Specifically, they are proficient in working with LangChain, LlamaIndex, FAISS, and ChromaDB to implement vector-based search, integrate retrievers, and build full-stack applications. The certificate holder can design and deploy intelligent GenAI systems that retrieve relevant information, summarize data, and generate responses in real time using structured pipelines. By completing the hands-on labs and graded assessments, the certificate holder has demonstrated practical expertise in using RAG to develop scalable, i

Hailey Quach
Data Scientist
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Global Program
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Wojciech 'Victor' Fulmyk
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