



4 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**

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

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A handwritten signature in black ink that appears to read "Hailey Quach".

Hailey Quach  
Data Scientist  
IBM Skills Network

A handwritten signature in black ink that appears to read "Rav Ahuja".

Rav Ahuja  
Global Program Director  
IBM Skills Network

A handwritten signature in black ink that appears to read "Wojciech Fulmyk".

Wojciech 'Victor' Fulmyk  
PhD Candidate  
Data Scientist and AI Engineer  
IBM Skills Network

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