16 Courses

- Introduction to Artificial Intelligence (AI)
- Generative AI: Introduction and Applications
- Generative AI: Prompt Engineering Basics
- Python for Data Science, AI & Development
- Developing AI Applications with Python and Flask
- Building Generative AI-Powered Applications with Python
- Data Analysis with Python
- Machine Learning with Python
- Introduction to Deep Learning & Neural Networks with Keras
- Generative AI and LLMs: Architecture and Data Preparation
- Gen AI Foundational Models for NLP & Language Understanding
- Generative AI Language Modeling with Transformers
- Generative AI Engineering and Fine-Tuning Transformers
- Generative AI Advanced Fine-Tuning for LLMs
- Fundamentals of AI Agents Using RAG and LangChain
- Project: Generative AI Applications with RAG and LangChain

Sep 30, 2026

Mamoudou WONE

has successfully completed the online Professional Certificate

IBM Generative AI Engineering

In this Professional Certificate, learners developed essential knowledge and skills to perform tasks in an AI, gen AI, or NLP engineer role. The certificate holder has demonstrated a firm grasp, and has practical experience, of the various generative AI architectures and LLMs for developing NLP-based systems. They have demonstrated knowledge of tokenization, data loaders, transformers, attention mechanisms, and prompt engineering. They have gained experience in frameworks and LLMs, such as GPT and BERT. The certificate holder can use PyTorch and the Hugging Face Transformers library to develop RAG applications such as a question-and-answering system. They can also use document loaders in LangChain to bring in information from various sources and prepare it for processing.

Joseph Santarcangelo
Senior Data Scientist
IBM

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