

Nadeem Ahmed Mir

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Portfolio | GitHub | LinkedIn

AI PROFILE

AI/ML developer building LLM-powered systems, RAG pipelines, and real-world AI applications. Experience with LangGraph agents, FAISS vector search, and deployed ML systems.

AI SYSTEMS & MACHINE LEARNING PROJECTS

RAG Document Question Answering System — [Demo](#) | [GitHub](#)

- Built RAG pipeline for PDF QA using embeddings and FAISS.
- Implemented chunking, semantic retrieval, and LLM-based answer generation.
- Added source attribution for reliability.

Tech: Python, FAISS, Sentence Transformers, Groq

Agentic AI Chatbot with Real-Time Search — [GitHub](#)

- Built LangGraph agent with tool-calling and Tavily web search.
- Designed modular reasoning workflow with memory.

Tech: Python, LangGraph, LLM APIs

Credit Card Fraud Detection System — [Demo](#) | [GitHub](#)

- Built ML pipeline for fraud detection on imbalanced data.
- Deployed interactive Streamlit app for predictions.

Tech: Python, Scikit-learn, Streamlit

GoldenAging – Medical Image Classification — [GitHub](#)

- Built CNN-based disease detection system (~90% accuracy).
- Developed Flask backend for reports.

Tech: Python, CNN, OpenCV, Flask

TECHNICAL SKILLS

Programming: Python, SQL

AI/ML: RAG, LLMs, LangGraph, Machine Learning

Tools: FAISS, Pandas, NumPy, Scikit-learn, Streamlit, Flask, Git

EDUCATION

BCA (Data Science) — Apex University | 2023–2026 | GPA: 8.1/10

CERTIFICATIONS

Prompt Design (Vertex AI)

Intro to Generative AI

Deep Learning (Kaggle)

SQL (HackerRank)