

HAFIZ MUNEEB HASSAN

AI/ML Engineer | GenAI & RAG Systems | AI Product Engineering

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PROFILE

AI/ML Engineer and BS Artificial Intelligence student with hands-on experience building LLM-powered applications, Retrieval-Augmented Generation (RAG) pipelines, and full-stack AI products. Skilled in Python, LangChain, vector databases, and REST API design. Comfortable working across the AI stack — from model integration and prompt engineering to backend services and databases and collaborating in team environments to deliver on deadlines.

CORE SKILLS

Languages & AI/ML: Python, LangChain, RAG, Prompt Engineering, NLP, Machine Learning, Deep Learning, Qdrant (Vector DB)

LLM Platforms: OpenAI, Google Gemini, Anthropic Claude, Hugging Face

Backend & APIs: FastAPI, Flask, REST APIs, Node.js

Frontend: React.js, JavaScript

Databases: PostgreSQL, MySQL, SQLite

Cloud & Tools: Microsoft Azure, Docker, Git, GitHub, Web Scraping

PROFESSIONAL EXPERIENCE

AI/ML Intern — Azuno Technologies, Lahore

Apr 2026 – Sep 2026

- Contributed to Site DNA, a security auditing platform running 15+ parallel scan engines, building and supporting vulnerability-detection features alongside the AI/engineering team.
- Worked with Team in Designing and building a CRM system with a Python backend and covering schema design, API endpoints, and data persistence.

AI Intern — Superior University, Lahore

2025

- Built a Retrieval-Augmented Generation (RAG) chatbot from scratch in Python.
- Owned the full pipeline end-to-end — data collection and preprocessing to model integration.

SELECTED AI/ML PROJECTS

ORVIX — Next.js · Gemini · Mistral 7B · GPT

- AI-powered adaptive learning platform that converts a user's career goals into a personalized roadmap with structured progression and intelligent, LLM-generated assessments.

AI Vision System — Python · Flask · YOLOv8 · Dlib

- 3-in-1 computer vision platform unifying object detection, animal tracking, live mapping, and facial analysis.

AutoDataBot — Python · FastAPI · Scikit-learn · AutoGluon

- Automated data-intelligence platform that takes raw datasets through cleaning, exploratory analysis, AutoML model training, and explainability.

EDUCATION

B.S. Artificial Intelligence — Superior University, Lahore

2024 – Present

CERTIFICATIONS

- Microsoft Azure AI-900: AI & ML Fundamentals — Microsoft Azure, Sep 2026
- Artificial Intelligence — NOC Dot Institute, Jun 2026
- Full Stack Development — Nexskills, Arfa Technology Park, Nov 2024