

Faizan Haider

AI / ML Engineer

📍 Rahim Yar Khan, Punjab, Pakistan | 📞 +92 306 1972701 | ✉ faizanhaiderofficial1@gmail.com

🐙 faizan-ai-ml | 🌐 faizan-ai-ml

PROFESSIONAL SUMMARY

AI/ML Engineer with hands-on experience in LLM-powered apps, RAG pipelines, multi-agent systems, and intelligent automation. Proven track record across internships, independent research, and freelance work. Passionate about building scalable, production-ready AI solutions.

PROFESSIONAL EXPERIENCE

AI Intern

Jan 2026 – Mar 2026

Virtual Soft — Sadiq Abad, Pakistan

- Developed and tested ML models for real-world applications using Python and Scikit-learn.
- Handled data preprocessing, feature engineering, and model evaluation across end-to-end AI pipelines.

AI Research Assistant

Nov 2025 – Feb 2026

Independent Research Collaboration

- Co-authored a research paper on MAMAT, an equity-aware MARL framework using MAPPO (CTDE) for urban multi-modal traffic signal control in SUMO.
- Demonstrated system-wide “Fairness Resilience” by minimizing multi-modal wait-time variance under high-congestion conditions.

Lead Generation & Web Research Specialist

Nov 2022 – Jan 2025

Freelance — Remote

- Researched and identified decision-makers (owners, CEOs) for AU/USA clients across roofing, dental, and local business sectors via LinkedIn and Google Maps.
- Verified prospect emails using Hunter.io, delivering segmented lead sheets with 95%+ data accuracy.

PROJECTS

AI Career Mentor — Intelligent Career Guidance Platform

🐙 GitHub

FastAPI • PostgreSQL • LangChain • Gemini API

- Built a full-stack AI system analyzing resumes and generating personalized 12–24 week career roadmaps.
- Designed scalable REST API backend using FastAPI and PostgreSQL with JWT-based authentication.
- Integrated Gemini API for structured roadmap generation, AI coaching, and resume feedback

RAG-based Knowledge Chatbot

🐙 GitHub

LangChain • FAISS • FastAPI • React

- Built a full-stack RAG pipeline with LangChain + FAISS for dynamic document Q&A and contextual LLM response generation.
- Delivered complete solution with FastAPI backend and React frontend, deployed with CI/CD on free-tier cloud.

LeadForge — Autonomous Multi-Agent B2B SaaS

🐙 GitHub

Next.js • FastAPI • Llama 3 • Playwright • PostgreSQL

- Engineered a multi-agent LLM swarm (Llama 3) and stealth Playwright web-scraping pipeline to extract Google Maps leads and dynamically generate personalized B2B cold emails.
- Built an async drip-sequence engine using Python asyncio to autonomously dispatch Day-3 and Day-7 AI follow-up emails via SMTP with zero manual input.
- Integrated Hunter.io API for decision-maker scoring and deployed the full-stack SaaS on Vercel and Docker with a real-time campaign tracking dashboard.

Lead Management Workflow Automation

🐙 GitHub

n8n • Gemini AI • Docker • REST APIs

- Designed an AI-driven lead system automating data ingestion, scoring, and follow-ups.
- Integrated AI Agent for summarization and response generation, improving efficiency by 40
- Deployed self-hosted n8n via Docker; reduced manual outreach effort by 40%.

Education

BS in Computer Science

Khawaja Fareed University of Engineering & IT, Rahim Yar Khan

Feb 2023 – Expected 2027

Certifications

AI Engineer

NAVTTTC — Govt. of Pakistan

Mar 2025 – Jun 2025

- Hands-on training in ML, Deep Learning, and AI system development.
- Built real-world AI models using Python and TensorFlow.

Google AI Essentials

Google — Coursera

Completed Sep 2025

🔗 Verify Certificate

Technical Skills

Programming

Python, SQL, Bash

Machine Learning

Supervised Learning, Classification, Regression, Feature Engineering, XGBoost

Deep Learning

TensorFlow, CNNs, Neural Networks, NLP

Generative AI / LLMs

RAG, Prompt Engineering, Embeddings, LangChain, FAISS

Libraries & Frameworks

FastAPI, NumPy, Pandas, Scikit-learn, TensorFlow, Matplotlib

Tools & Platforms

Git, GitHub, Docker, Kaggle, Jupyter Notebook, Google Colab, n8n

Data & Research

Lead Generation, Web Research, Email Verification, Google Sheets, Hunter.io

Soft Skills

- Attention to Detail
- Problem Solving
- Communication & Collaboration