Umais Muhammad Siddiqui *AI Engineer*

✉ umaismuhammad99@gmail.com   📞 +92 3401106263   📍 Askari 5, Karachi, Pakistan   in Linkedin

○ github.com/umais2005   🔗 umais.dev

👤 Profile

Experienced in building AI-powered applications and backend systems focused on chatbots, automation, and intelligent workflows, integrating AI and business logic into scalable, production-ready solutions.

🧠 Skills

Languages: Python, JavaScript, C++, SQL

AI & LLMs: OpenAI, Hugging Face, Ollama, LangChain, MCP, RAG, Prompt Engineering, Function Calling, Embeddings, Vector Databases (Qdrant, Pinecone, Chroma)

Backend Engineering: FastAPI, RESTful API design, cloud deployment (Railway, Render, DigitalOcean, Heroku, AWS)

Data processing: Web scraping, Document parsing, Data Ingestion, Database management, Postgres

Tools: Git, Docker, Linux, OpenwebUI, Supabase, n8n

💼 Professional Experience

Self-Employed   Jan 2025 – Present │ Remote
Freelance AI Engineer
- Designed and deployed AI systems including RAG pipelines, conversational AI, and content generation tools for clients across fintech, e-commerce, and SaaS.
- Built scalable backends with LangChain and FastAPI to integrate language models with production applications.
- Developed autonomous agents for e-commerce automation, business document processing, content generation, and structured data extraction from web sources and APIs.
- Deployed containerized applications on DigitalOcean, Render, and VPS environments.

Ariel Teknology   Aug 2024 – Dec 2024 │ Karachi, Pakistan
AI Engineer Intern
- Developed a prototype AI agent using LLMs and vector databases, implementing RAG techniques to provide context-aware medical report explanations.

Saynt AI   Jul 2024 │ Karachi, Pakistan
AI Engineer Intern
- Contributed at a startup to develop AI workflows for enhancing teaching and learning. Leveraged OCR and RAG techniques with LLMs to improve access to educational content and support innovative student engagement solutions.

🎓 Education

BS, Computer Science   Aug 2025 – Present
Institute of Business Administration

A levels   Aug 2022 – Oct 2024
A*, A*, B - Maths, Computer Science, Physics

📁 Projects

Omnichannel Customer Support AI System | FastAPI, Chatwoot, OpenWebUI, Qdrant, PostgreSQL
Engineered unified AI support platform for internal teams integrating Chatwoot (customer chat/ticketing) and OpenWebUI (staff LLM interface), with email-based memory persistence and intelligent human escalation, reducing support workload significantly.

Stock Analysis Report Generator | Python, OpenAI API, Financial Data APIs
Created automated system generating comprehensive investment reports for 50+ stock symbols with real-time market data and AI-driven insights.

Multi-platform Job Listing Automation | Python, GroqAPI, Web Scraping, WordPress API
Built end-to-end pipeline processing 500+ job listings monthly, rewriting and anonymizing content for WordPress and Manatal ATS integration.