Hassam Zahid

AI Engineer

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PROFILE

AI Engineer who builds production AI systems end to end: RAG assistants, MCP integrations, ElevenLabs voice agents and n8n automation pipelines, along with the FastAPI backends and Next.js frontends that put them in front of users. Background in agency client work, turning scattered business tools into a single AI-powered workflow. Looking for an AI Engineer role building LLM-powered products.

EXPERIENCE

Python Developer at Axioware Solutions

Sep 2025 – Present

Karachi, Pakistan

- Designed and deployed AI-powered automation with n8n across **15+ business workflows**, reducing manual operations by **70%** across client accounts.
- Built backend services with **FastAPI, PostgreSQL and Redis**, including JWT authentication, rate limiting and auto-scaling infrastructure on **AWS**.
- Integrated GoHighLevel, Salesforce and the Meta Graph API with **OpenAI and Claude** into unified data pipelines, maintaining **99.5% processing accuracy** across multiple enterprise accounts.
- Shipped production **ElevenLabs voice agents** backed by FastAPI tool endpoints and an MCP server, deployed on AWS EC2 for live, real-time conversations.

TECHNICAL SKILLS

AI & Automation	LLMs, RAG, LLM agents, MCP, n8n, OpenAI API, Claude API, ElevenLabs, prompt engineering, vector search (pgvector)
Backend	Python, FastAPI, Node.js, Express, REST APIs, JWT auth
Frontend	Next.js, React, TypeScript, Tailwind CSS, HTML/CSS
Cloud & Data	AWS (EC2, S3, CloudFront), Linux, CI/CD, PostgreSQL, Redis, Supabase
Integrations	GoHighLevel, Salesforce, Meta Graph API, Asana, Fathom, Maqsam, Google Docs API

CLIENT PROJECTS

HaxMind, Internal AI Assistant (HAX Consulting)

- Built a chat assistant combining RAG over internal SOPs, with embeddings stored in Supabase using pgvector, and live data from Maqsam and Fathom call transcripts, GoHighLevel (via MCP), Asana and employee records.
- Replaced manual lookups across five separate tools with one chat interface.

Stack: RAG, LLM agents, MCP, Supabase + pgvector, GoHighLevel, Asana API

AI Sales Call Analysis

- Built an n8n pipeline that analyzes discovery calls and generates two outputs: a client-facing summary and an internal sales brief, so reps walk into the next call already prepared.

Stack: n8n, LLM summarization, sales automation

Automated CV / LinkedIn Profile Generator

- Built a form-triggered workflow that uses the OpenAI API to write tailored CV and LinkedIn content and formats the final document in Google Docs, turning hours of writing into one form submission.

Stack: n8n, OpenAI API, Google Docs API

FPL Farms, E-commerce Website

fplfarms.com

- Built a production e-commerce site for a Karachi-based natural foods brand, with a product catalog, cart, customer reviews and an articles section, plus SEO metadata and auto-generated social preview images.

Stack: Next.js, React, e-commerce, SEO

EDUCATION

BS Software Engineering, Usman Institute of Technology

2022 – 2026

Karachi, Pakistan | CGPA: 3.12 / 4.00

- **Final Year Project:** UIT University website (usamania-university.vercel.app), built on Next.js with a Sanity.io CMS so non-technical staff can create pages, edit copy and publish posts without a developer.