Afaq Ul Islam

Agentic AI Engineer | Full-Stack Developer

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SUMMARY

Agentic AI Engineer and Full-Stack Developer, and Co-Founder & COO at Neofyx. Builds multi-agent AI systems, LLM-powered automation and production web applications from spec to deployment. Experienced in scoping requirements, architecting solutions and shipping working software independently with Python, TypeScript, Next.js and FastAPI. Open to consulting, project-based and fractional engineering work.

SKILLS

AI & Agentic AI: AI Agents, Multi-Agent Systems, LLM Integration, RAG, MCP, Google Gemini, OpenAI, Anthropic Claude, Groq
Languages: Python, TypeScript, JavaScript, HTML, CSS
Frontend: React, Next.js, Tailwind CSS, Framer Motion
Backend & Data: FastAPI, REST APIs, PostgreSQL, pgvector, Firebase
Automation & Cloud: n8n, AI Workflow Automation, Google Cloud Run, Vercel, CI

EXPERIENCE

Co-Founder & Chief Operating Officer | Neofyx, Karachi — Dec 2025 - Present

- Lead operations, technical execution and product delivery for an AI automation and SaaS startup, from concept to deployment.
- Build full-stack features and AI-powered functionality end to end for client-facing applications.
- Scope client requirements and translate business needs into technical solutions.

Full Stack Development Intern | Aptura Tech Solutions, Remote — Aug 2026 - Sep 2026

- Built StartupLaunch AI, an AI agent tool that evaluates startup ideas with a Go / No-Go / Pivot verdict, using Next.js, React, TypeScript and FastAPI.
- Delivered a full-stack blog platform, a SaaS landing page and an interactive JavaScript dashboard, covering authentication, role-based access control, database integration, testing and CI.

Full-Stack Developer | Freelance / Project-Based, Remote — Jan 2025 - Present

- Delivered a Next.js website for C.Ronaldo Sports, a Karachi sports and football gear retailer.
- Designed an n8n workflow for AI-generated video content and publishing to YouTube and TikTok, using Groq LLMs and the kie.ai Veo3 API on a free-tier stack.

Frontend Development Intern | CodeAlpha, Remote — Sep 2024

- Built and deployed three responsive projects with HTML, CSS and JavaScript: an Audio Player, a Calculator and an Image Gallery.

PROJECTS

- **StartupLaunch AI:** Multi-agent system that runs market research, competitor analysis and risk assessment in parallel (Next.js, TypeScript, FastAPI).
- **Kisaan Dost AI:** Crop disease detector for Pakistani farmers with Gemini Vision, Roman Urdu diagnosis and voice reports, deployed on Google Cloud Run.
- **Handbook:** Governed knowledge system that returns cited, permission-aware answers using RAG, pgvector and an MCP server.
- **TaskSnap AI:** Turns screenshots into prioritized task lists using Tesseract.js OCR and Groq (Next.js, React).
- **ShiftSathi:** AI-grounded frontline operations assistant for factories and workshops, built with Next.js and TypeScript and live on Vercel.
- **AURELIA:** Luxury fashion e-commerce platform built for the Google Build with AI 2026 workshop (GeeksforGeeks), deployed on Google Cloud Run.
- **Personal AI Employee:** Agentic automation for Gmail, WhatsApp and LinkedIn with Obsidian memory, Python watchers and Qwen Code CLI (GIAIC Hackathon 0).

EDUCATION

BS Computational Mathematics | University of Karachi — Jan 2026 - Present

Full-Stack Development & AI Agent Systems Certificate | GIAIC, Batch 1 — Feb 2024 - Present

Intermediate, Pre-Engineering (Grade A) | Aisha Bawany Government College — Aug 2022 - Aug 2024

SSC, Science (Grade A1) | Sadiq Public Primary & Secondary School — May 2020 - May 2022

ACHIEVEMENTS

- Silver Tier Winner, Google AI Seekho 2026, for Kisaan Dost AI.
- Startup Challenge Winner with Neofyx.
- Top 10% in GIAIC Batch 1, at the 90th to 95th percentile across three quarters.