

Faizan Ul Hassan

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faizanulhassan32.github.io/portfolio

Professional Summary

AI Full Stack Developer with 3+ years of experience building production AI/LLM-based applications, specializing in backend systems, RAG pipelines, and agentic and multi-agent workflows. Delivered GenAI solutions for hiring automation, legal-tech, and enterprise compliance, most recently owning projects end to end across frontend, backend, and deployment, with a focus on LLM observability and evaluation.

Professional Experience

AI Full Stack Developer at Xperion (Agentic Dream)

January 2026 – August 2026

Owned React/TypeScript frontends, Supabase backends, Dokploy deployments, and AWS Bedrock LLM workflows. Led two junior engineers; client-facing technical lead from requirements to stakeholder presentations.

- **DreamIT:** Built a company management platform used by 250+ employees, unifying client/project delivery, time tracking, financials, and resourcing in company-wide and per-project dashboards, with 7-role access control and BambooHR, NetSuite, Jira, GitHub, and KnowBe4 integrations.
- **AI-Automated Hiring Pipeline:** Built an AWS Bedrock pipeline that screens candidates and auto-schedules interviews, cutting time-to-decision from 2–3 weeks to 4–5 days. Led its Foloup (video interview) and Gorilla (coding assessment) modules, monitored via self-hosted Arize Phoenix.
- **POD Journey:** Contributed to an agile team-management platform integrated with DreamIT, supporting 30-day constitution and 90-day Kaizen cycles with maturity assessments, DORA metrics, automated notifications, and performance monitoring.

AI Backend Engineer at Quest

July 2024 – December 2025

Built backend systems, RAG pipelines, agentic and multi-agent workflows for client and internal projects. Traced LLM workflows with LangSmith; ran OpenEvals evaluations on internal tools and select client projects.

- **AI Courtroom Hearing Portal:** Cut multi-week manual hearing processes to zero effort by leading backend development (FastAPI/Node.js) for 3 counties including video ingestion, speaker-identified transcripts, notes, action items, and an in-meeting chatbot across an average of 10 daily hearings, along with AI-generated newsletters on configurable schedules.
- **Multi-Agent Workflow Assistant:** Reduced HR's exam-registration work to a single review step with a LangGraph copilot handling queries, registration, challans, payment proofs, and automated emails and slips for 9 monthly exams across 3 cities (500+ registrations each).
- **Academic Compliance Assistant:** Reduced faculty review workload for UAE accreditation audits with an AI assistant analyzing 45–50 documents per course against Bloom's Taxonomy matrices for PLO/CLO alignment.
- **Agentic RAG for Multi-Hop QA:** Reduced incomplete and inaccurate answers across production RAG bots with an agentic RAG framework (LangChain, LangGraph, ChromaDB) using multi-hop, chain-of-thought reasoning.

Python Backend Developer at Codeaza Technologies

July 2023 – June 2024

Developed Python backend services and APIs, managed databases, and automated CI/CD deployments for client projects. Communicated directly with clients on project updates and delivery.

- **Sentimantle:** Built backend pipelines processing hundreds of thousands of AI-curated Google, Booking.com, and TripAdvisor reviews for a unified hospitality sentiment dashboard.
- **Home Schooling Platform:** Engineered a school management platform for an Australian home-schooling provider across 6 states, consolidating curriculum, student administration, and AI-driven performance reporting.
- **Work Book:** Cut manual rulebook reviews (7.5 hrs/week per person) by designing the backend of an AI compliance-monitoring platform for investment banks, automating version comparison and plain-English action items.

Education

Bachelor of Science in Computer Science

2019 – 2023

FAST-NUCES, Islamabad, Pakistan

Technical Skills

- **Languages:** Python, TypeScript, JavaScript (Node.js)
- **Frameworks & Libraries:** FastAPI, Flask, React, Vite, Tailwind CSS, LangChain, LangGraph, Docling
- **LLM & AI:** OpenAI, Anthropic Claude, Google Gemini, AWS Bedrock, Ollama, Deepgram, RAG Systems, Agentic & Multi-Agent Systems, LLM-as-Judge Evaluation, LLM Observability
- **Databases:** PostgreSQL, MySQL, MongoDB, Supabase, Elasticsearch, ChromaDB, Pinecone
- **Cloud & DevOps:** AWS, Google Cloud Platform, DigitalOcean, Dokploy, CI/CD, Docker, Git & GitHub, RabbitMQ
- **Tools & Technologies:** Claude Code (AI-assisted development), Arize Phoenix, LangSmith, OpenEvals, n8n, REST APIs, WebSockets, Microservices