

Qamar Ul Islam

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SUMMARY

A highly motivated Software Engineer specializing in backend development and AI/ML systems. I have a proven record of building scalable, reliable applications using Python, Go, and Node.js. My experience ranges from freelance AI projects and complex API integrations to developing robust microservices for high-engagement platforms. I am passionate about architecting sophisticated RAG pipelines and leveraging LLMs to solve real-world problems.

WORK EXPERIENCE

Software Engineer, DevAxl Feb 2025 - Present

- Engineered a scalable microservice in Go (Gin) for an influencer e-commerce application, creating a TikTok-style video feed with integrated product purchasing.
- Developed and deployed a RAG-based AI system using Python for a client's user dashboard, enabling natural language queries on video and PDF content.
- Currently working at the backend development and integration of a new product MVP using NestJS.

Freelance Backend & AI Developer, Fiverr Feb 2023 - Feb 2025

- Developed and deployed custom Python backends for AI/ML applications, including computer vision and process automation tools.
- Co-developed "Scam Eye," a spam detection tool utilizing custom-trained models and OpenAI LLMs, deployed on Render.
- Built and integrated Node.js (Express) backend systems, handling payment gateway integrations (Stripe, PayPal) and third-party APIs (Twilio).

KEY PROJECTS

Ask Sunnah Online - AI Islamic Scholar

- Creator and lead developer of a live, AI-powered scholar that provides fact-based answers with scriptural references using a RAG pipeline.
- Tech Stack:** Python, LangChain, Pinecone, LLMs, Vercel (Frontend), Custom VPS (Backend).

LearnXcellence

- Final Year Project designed to automate university semester processes, including group formation, project submissions, and viva scheduling.
- AI Features:** Implemented AI-proctoring, automatic quiz generation, and spoof detection using a custom-trained YOLO model.

EDUCATIONAL BACKGROUND

2021 - 2025 Bachelor of Science in Software Engineering at **COMSATS University Islamabad**

SKILLS

Technical Skills	Backend Development, AI/ML & RAG Systems, Microservices Architecture, N-tier Architecture, API Design & Integration, Computer Vision (OpenCV, YOLO), Frontend Development
Tools	Frameworks: Node.js, NestJS, Go (Gin), Python (Flask, LangChain), Javascript (Express.js) Databases: PostgreSQL, MySQL, MongoDB, Pinecone Version Control: Git
Languages	English (Fluent)