

Ahmed Raza Khan

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Professional Summary:

I'm a Full-Stack Engineer with 3+ years of hands-on experience building and shipping real products. Most of my work has been with clients in the US and Pakistan, where I've built SaaS platforms, APIs, and admin panels that are actually used in production. I've also worked on AI-related features, integrating models, handling data flow, and ensuring they respond fast and reliably rather than just "working on paper." A big part of my focus has been fixing bottlenecks, improving response times, and making systems stable under real usage.

I mainly work with Python and Node.js, and I'm comfortable across AWS (EC2, S3, DynamoDB, Bedrock, Sagemaker), backed by an [AWS Machine Learning certification](#). I prefer building simple, efficient, and easy-to-maintain things rather than over-engineered ones. Right now, I'm looking for serious remote or international work where I can contribute to meaningful systems, especially where AI and scalable backend systems come together.

Skills

Programming Languages: Python, Node.js, Javascript

Frameworks: FastAPI · PyTorch · Express.js · Next.js · REST API Design

Cloud & DevOps: AWS (EC2, S3, DynamoDB, Bedrock), Docker, CI/CD

Databases: MySQL, Amazon DynamoDB, PostgreSQL

Web Development: LLM integration (OpenAI/Bedrock), prompt engineering, vector search, data pipelines, and scalable AI-backed APIs

Soft Skills: Cross-timezone Collaboration · Technical Communication · Problem-Solving

Certifications

1. **AWS Certified Machine Learning Associate** – Amazon Web Services (Feb 2026) - [Verify Certification](#)
2. **AWS Certified AI Practitioner** – Amazon Web Services (Oct 2025) - [Verify Certification](#)
3. **JavaScript Algorithms and Data Structures** – freeCodeCamp - [Verify Certification](#)
4. **IELTS Academic** – British Council (Jul 2025)

Software Engineer · ExpertsCloud Apr 2025– Present
Full-time · On-site | Python · Node.js · AWS Bedrock · Docker

Architect and maintain backend microservices in Node.js and Python, supporting a multi-tenant SaaS platform serving enterprise clients across the MENA region.

Integrated AWS Bedrock LLM APIs to deliver AI-powered features (document summarization, smart search), reducing manual processing time by ~60%.

Led performance profiling initiative that reduced average API response time from 420ms to 110ms through query optimization and intelligent caching layers.

Mentored two junior engineers in cloud deployment workflows, establishing internal best practices for CI/CD and Docker-based deployments.

Application Backend Engineer · Zyacom Sep 2024 – Jan 2026
Part-time · Remote | FastAPI · AWS EC2 · S3 · Docker · CI/CD
Concurrent with a full-time role

Served as the sole backend engineer for a US-based startup, owning the full backend lifecycle from architecture design to cloud deployment.

Built a FastAPI-based REST backend integrating with AWS EC2 and S3, handling 5,000+ API requests per day with 99.8% uptime.

Implemented automated CI/CD pipelines using GitHub Actions and Docker, cutting deployment time from 40 minutes to under 8 minutes.

Designed and documented 60+ API endpoints consumed by a React frontend, enabling seamless feature delivery across time zones.

Full-Stack Developer · GMG Solutions Jan 2024 – Dec 2024
Full-time · On-site | React.js · Node.js · PostgreSQL · MySQL

Delivered 6 end-to-end projects from scratch, including a real-time chat application, a multi-role project management tool, and two custom SaaS platforms.

Engineered a feature-rich admin dashboard framework adopted as an internal template, saving ~2 weeks of setup time per new project.

Designed normalized relational schemas in PostgreSQL and MySQL, supporting complex reporting queries with sub-second response times.

Collaborated directly with clients to gather requirements, iterate on features, and

meet delivery deadlines consistently, receiving 5 -star internal reviews.

Education

BS Computer Science · Virtual University of Pakistan 2019 – 2023 Core curriculum:
Software Engineering · Algorithms & Data Structures · Database Systems Operating
Systems · Computer Networks · OOP

Certificate in Entrepreneurship (CES) · LUMS – Lahore University of Management Sciences 2025

Intensive program covering innovation design, startup execution, team leadership, and building scalable impact-driven ventures.

Professional Interests

Applied AI & Large Language Model (LLM) integration into production systems · Serverless
& cloud-native architecture on AWS · High-performance API design and system scalability
· STEM education and interdisciplinary technology innovation