Muhammad Zubair Asim

Software Engineer

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Professional Summary

Associate Software Engineer with 2+ years of experience in building scalable, high-performance software solutions. Proficient in full-stack development with deep expertise in backend systems, real-time applications, and DevOps practices. Experienced in working with AI-integrated modules, intelligent analytics, and smart automation. Strong foundation in agile methodologies and modern software engineering principles.

Work Experience

Softaims   **March 2025 – Present**

Associate Software Engineer

- Built and maintained backend systems using Node.js, TypeScript, and AWS (EC2, ECS, Lambda, SNS, S3, CloudFront).
- Developed video processing pipelines with FFmpeg and HLS for scalable media delivery.
- Delivered backend and DevOps for three major projects:
    - **MFS**: Martial arts training and community app with social features.
    - **Pharmacy App**: End-to-end pharmacy solution enabling family-focused orders.
    - **Ride-Sharing App (MVP)**: Real-time Uber-style backend for community ride-sharing.
- Managed CI/CD, containerization (Docker), performance optimization, and real-time architecture.

Rhodium Tech   **May 2024 – March 2025**

Associate Software Engineer

- Contributed to scalable backend services and enterprise-grade systems.
- Developed **Snack Out**, a full-stack ride-hailing app with real-time tracking and booking using WebSockets, Node.js, and React Native.
- Collaborated on AI-enhanced modules and .NET-based enterprise solutions.

Freelancer   **2022 – 2024**

- Delivered client projects in backend and full-stack development, building AI-integrated and real-time systems.

Education

BS in Computer Science (BSCS)   2021 – 2025
Government College University (GCU), Lahore   CGPA: 3.18

Certifications

- MERN Stack Developer – Ideoversity, Arfa Kareem Tower (2022)

Key Skills

Backend Development (Expert)	**React.js / React Native** (Expert)
Node.js, Express, TypeScript (Expert)	**MongoDB / Redis / SQL** (Expert)
Flutter (Intermediate)	**.NET Technologies** (Intermediate)
Python, AI , Gen AI , Machine Learning (Expert)	**C/C++** (Beginner)
AWS: EC2, ECS, Lambda, S3, SNS	**DevOps: Docker, CI/CD, CloudFront**