



Mohiuddin Ahmed

Senior System Architect | AI Product Builder | Full-Stack Engineer

Senior System Architect with 15+ years of experience building production-grade SaaS and AI platforms. Specialized in multi-tenant architecture, RAG systems, and scalable application design, with a strong track record of delivering real-world systems for production use.

✉ devmoa@proton.me

📍 Dhaka, Bangladesh

🐙 github.com/apsbd

📞 +8801888568593

🌐 linkedin.com/in/mohiuddin-ahmed-07

WORK EXPERIENCE

Sr. System Architect

Tiered Communication Services, Inc

06/2020 - Present

TEXAS, USA

Achievements/Tasks

- Built Utilen, a multi-tenant AI SaaS with RAG-based knowledge system and workspace-level data isolation, supporting multiple organizations and scalable knowledge retrieval (Laravel, React, Qdrant, OpenAI, AWS S3)
- Designed scalable architecture for large datasets and real-time query processing with optimized performance and low latency
- Developed a social media and video streaming platform supporting web and mobile users with Laravel backend, React frontend, and React Native apps
- Contributed to Heartland Cyber Range, a Kansas government project for cybersecurity training, simulating real-world systems and attack scenarios

Contact: Jonathan Adams - +1 512-629-1732

Adjunct Lecturer

Eastern University, Bangladesh

03/2025 - Present

Achievements/Tasks

- Teach software engineering with focus on real-world system design, scalable architecture, and AI-driven applications
- Mentor students in building production-level projects and applying academic concepts in practical environments

Contact: Mahfuz Hasan (Chairman of Dept. CSE) - +880 1788-676363

Sr. Software Engineer & CTO

Of Eleven Media

02/2014 - 01/2020

USA

Achievements/Tasks

- Developed and maintained DataMine SaaS platform used for data-driven workflows, ensuring system stability and continuous feature delivery
- Improved system reliability and performance by resolving critical issues and optimizing backend services (Laravel, MySQL, MongoDB, Node.js, Stripe)

Contact: Larry Genkin - +1301-526-3000

EDUCATION

B.Sc. In CSE

Eastern University of Bangladesh

03/2010 - 11/2013

SKILLS

System Architecture

AI / RAG Systems

Multi-Tenant SaaS

Distributed Systems

Laravel

React

Next.js

Node.js

TypeScript

Qdrant

PostgreSQL

Redis

Docker

AWS

DigitalOcean

LANGUAGES

Bangla

Native or Bilingual Proficiency

English

Full Professional Proficiency