Shihab Sikder

AI/ML & Full-Stack Software Engineer · Tech Lead

Mirpur-10, Dhaka, Bangladesh

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Experience

BinduLogic   *Mirpur, Dhaka*
Tech Lead (Sep. 2024 - Present) | Software Engineer II (May 2023 - Aug. 2024)   *May 2023 - Present*
- Leading technical architecture and development for Hospital Management Software
- Architected system design for Patient Data Management and Third Party Data Sharing
- Managing deployment for 10+ public hospitals including DMCH, CMCH, NIDCH, NICRH, KGH

Everstar (Gordian AI)   *Remote*
Software Engineer   *Mar. 2024 - Present*
- Developing regulatory compliance AI trained on Nuclear Regulatory documents
- Achieved 0% AI hallucination rate using advanced RAG architecture
- Building scalable AI solutions for regulatory compliance management

Upwork & Fiverr   *Remote*
Freelance Software Engineer   *Dec. 2020 - Present*
- MapLarge (Upwork): Developing GIS applications using TypeScript and testing Computer Vision models
- Technical content writer for Data Structures and Algorithms (Guru99 team)
- Full-stack development, API integration, and Python automation projects

Skills

Languages	C/C++ • JavaScript/TypeScript • Python • Dart
Frontend	React • Next.js • RTK • Chakra UI • Tailwind CSS
Backend	Node.js • Express.js • Flask • Django
Database & Tools	PostgreSQL • MongoDB • GraphQL • Prisma • Git
DevOps & Cloud	Docker • Ansible • AWS • GCP • EasyPanel • CyberPanel
Specialized	RAG • Graph RAG • GIS • Computer Vision • NLP

Projects

BinduLogic
Hospital E-Ticketing System - OpenMRS-compliant hospital ticketing system   *Nov. 2023*
- Deployed at DMCH, KGH, and 8+ public hospitals across Bangladesh with end-to-end TypeScript type safety

Personal Project
Temp-Mail - Full-stack disposable and reusable email service   *Dec. 2023*
- Real-time email delivery system with attachment support using React, Python, Flask, and TypeScript

Education

B.Sc. in Computer Science and Engineering   *Gazipur, Bangladesh*
Islamic University of Technology (IUT)   *Jan. 2019 - May 2023*