Shihab Sikder

AI/ML & FULL-STACK SOFTWARE ENGINEER · TECH LEAD

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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

Maplarge   *Remote*
CONTRACTOR   *Jan. 2023 - Present*
- Developing GIS applications using TypeScript
- Testing and validating Computer Vision models

Upwork & Fiverr   *Remote*
FREELANCE SOFTWARE ENGINEER   *Dec. 2020 - Present*
- Technical content writer for Data Structures and Algorithms (Guru99 team)
- Full-stack development and API integration projects
- Python automation scripts and algorithm tutoring

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*