Md. Dipu

Full-stack Developer

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GitHub | LinkedIn

About me

I am a Full-Stack Developer, graduated in CSE at MIU, with 2 years of professional experience building production applications for startups and private clients. I write clean, maintainable code using engineering practices and leverage AI-Assist tools to ship faster. I've worked across the full software development lifecycle in contract and internship roles. I'm comfortable scoping requirements, implementing solutions, and managing client expectations. I am seeking full-stack opportunities to solve complex challenges, whether independently or as part of a team.

Experience

Full-Stack Developer (Contract-based) | Remote
November 2025 - Present (11 Months)
Tech Stack: Node.js, Express.js, Next.js, MongoDB, Linear, REST APIs

- Handled full project lifecycles, directed team members, and kept clients updated and satisfied.
- Focused on backend development, DevOps tasks, and quickly resolving live production issues.

Web Developer Intern | GradMate.ai | Remote
April 2025 - June 2025 (3 Months)
Tech Stack: Next.js, React, Auth.js, RESTful APIs, Custom ML APIs

- Collaborated to build user interfaces, design Postgres schemas, and integrate custom ML APIs.

Skills

Languages: TypeScript, JavaScript, Python, Java, C/C++, SQL
Frameworks & Libraries: React, Next.js, Node.js, Express, Flask, Tailwind CSS
Databases & Cloud/BaaS: PostgreSQL, MongoDB, MySQL, Supabase, Firebase
DevOps & Tooling: Docker, Linux, Nginx, Git, Postman, RESTful APIs, Microservices
Machine Learning & AI: Pandas, NumPy, Scikit-learn, LLM/API Integration
AI-Assisted Development: Antigravity, OpenAI GPTs, Prompt Engineering

Projects

TheWatchMerchantBD: Full-Stack E-Commerce Platform with ERP Solutions
Technologies: Next.js, Express.js, Mongoose, SSLCOMMERZ, Tailwind CSS, Zustand
Preview Link

A Secure Blockchain and Cryptography-Based Identity Verification System for Digital Services
Technologies: IPFS, Blockchain & Cryptography, Next.js, MongoDB, React Native
Read Publication

Education

Manarat International University (MIU) *CGPA: 3.54/4.00*
B.Sc. in Computer Science and Engineering *Jan 2022 - Dec 2025*
Thesis: Malicious UAV Detection: A Hybrid Approach Using Faster RCNN and Wireless Technology
Achievement: ICPC Asia Dhaka Regional Contestant 2024 (Certificate), 300+ problems solved on LeetCode, HackerRank, and Codeforces, Research Publications (ResearchGate), and collaborated with MIU CSE Club as Organizing Secretary (session 2024) and with MIU Programming Club as President (session 2025).