

MD. NAYEEM ISLAM

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PROFESSIONAL SUMMARY

Full-stack developer (React/Next.js, TypeScript, Node.js, PostgreSQL, MongoDB) with production freelance experience — sole developer of a live e-commerce platform for an industrial client (asthaengineering.com). CSE undergraduate at SUST (CGPA 3.54/4.00). Seeking internship, part-time, or junior full-stack developer roles, remote or on-site.

EXPERIENCE

Full Stack Web Developer (Freelance) — Astha Engineering & Solutions

Apr 2026 – May 2026

Industrial automation parts supplier · Dhaka, Bangladesh · [React.js](#), [Node.js](#), [Express.js](#), [PostgreSQL](#), [Prisma](#), [Tailwind CSS](#)

- Sole developer — designed, built, and deployed a production e-commerce platform end-to-end for a real client; live at asthaengineering.com.
- Engineered an 11-table PostgreSQL schema with Prisma ORM, supporting a 500+ product catalog across bilingual content (English & Bangla), brand/category management, wishlists, and repair-job tracking.
- Built a REST API (40+ endpoints) with JWT authentication, refresh-token rotation, and role-based access control (Admin/Customer), plus Cloudinary image management.
- Delivered an admin dashboard enabling non-technical staff to run daily operations — products, categories, and repair jobs with WhatsApp-integrated inquiries — without code changes.

PROJECTS

Halioo — RAG Document Chatbot

[React](#), [Node.js](#), [Express](#), [PostgreSQL](#) + [pgvector](#), [Prisma](#), [Google Gemini API](#), [LangChain](#) · [GitHub](#) · [Live](#)

- Built a full-stack RAG chatbot: users upload PDF/TXT documents and receive answers grounded in their own content, with source citations via vector similarity search over [pgvector](#) embeddings.
- Implemented token-by-token response streaming (Server-Sent Events), JWT authentication with per-user data isolation, and persistent chat session history.
- Deployed frontend (Vercel), backend (Render), and database (Neon) as a live production service.

QueueStorm — AI Support Copilot

[Node.js](#), [Express](#), [Google Gemini API](#), [Zod](#), [Docker](#) · [GitHub](#) · [Live](#)

- Built an AI-assisted ticket analyzer for financial-service customer support, combining rule-based decision logic (verdict, case type, department) with LLM-generated responses, so outcomes stay consistent even when the LLM output varies.
- Added a safety filter that scans LLM responses and blocks or rewrites any output requesting credentials or making unauthorized promises, flagging violations for human review.
- Implemented multi-key Gemini API failover for free-tier rate limits and Zod-validated request schemas; packaged as a 69.5MB Docker image on Docker Hub with a live Render deployment.

Office Energy Monitor — Real-Time Energy Tracking Dashboard & Discord Bot

[React](#), [Node.js](#), [Express](#), [PostgreSQL](#), [Prisma](#), [SSE](#), [discord.js](#), [Groq LLM API](#), [Docker](#) · [GitHub](#) · [Live](#)

- Built a real-time energy monitoring system for 15 devices across 3 rooms: a zero-polling, SSE-driven live dashboard and a Discord bot sharing one backend, so both interfaces never contradict each other.
- Developed Discord commands (!status, !room, !usage) with LLM-phrased responses and 3-key API failover, plus a centralized alerts engine posting deduplicated after-hours and prolonged-usage alerts.
- Implemented restart-safe energy accounting persisted to PostgreSQL with explicit downtime-gap handling; fully containerized with Docker Compose.

SKILLS

Languages: JavaScript, TypeScript, C++, C, Java

Frontend: React.js, Next.js, Tailwind CSS, HTML, CSS

Backend: Node.js, Express.js, REST API Design, JWT Authentication

Databases: PostgreSQL, MongoDB, Prisma ORM, [pgvector](#)

Tools & DevOps: Git, GitHub, Docker, Postman, Vercel, Render, Neon, Cloudinary

EDUCATION

Shahjalal University of Science and Technology (SUST) — Sylhet, Bangladesh

Aug 2024 – Feb 2029

BSc in Computer Science & Engineering · CGPA: 3.54 / 4.00

ACHIEVEMENTS

- Built ReLife, an AI-powered preventive healthcare platform (Node.js, MongoDB, AI API integration), as backend lead of team SUST_NEWBIES at the Hack For Health 2026 Hackathon. [GitHub](#)
- Solved 130+ problems on LeetCode ([me_naveem](#)), solved 120+ problems on Codeforces ([me_naveem](#)) across arrays, graphs, DP, and string manipulation.

LANGUAGES

Bangla (Native) · English (Professional working proficiency) · Hindi (Professional)