Mohammad Ali Nayeem

Mirpur, Dhaka-1216 | kazinayeem5508@gmail.com | +8801943124216 | kazinayeem.site |
linkedin.com/in/mohammad-ali-nayeem | github.com/kazinayeem

Technical Skills

Programming Languages: C, C++, JavaScript, TypeScript, Python
Frameworks & Libraries: Node.js, Express.js, NestJS, Next.js, React, Redux Toolkit, React Native, Expo, Prisma (ORM)
Database Management: MySQL, MongoDB, PostgreSQL
Tools & Platforms: Git, GitHub, Postman, AWS (basic), Docker, Microservices architecture
Concepts: Data Structures & Algorithms, Object-Oriented Programming, API Gateway, Agile/Scrum, Modular & Microservice design patterns

Education

Daffodil International University, B.Sc. in Software Engineering - *July 2023 - Present*
Milestone College, Higher Secondary Certificate (Science)

Projects

SaaS Application (Modular Microservice Architecture) – *Next.js, Node.js microservices, Prisma, PostgreSQL* – **Git Link**

- Designed scalable SaaS using modular microservice architecture.
- Core services: Auth, Billing, Courses, Notification, Analytics.
- Implemented API Gateway, RBAC, service communication.
- Prisma ORM, PostgreSQL, Docker and AWS-ready deployment.
- Developed reusable UI and secure session handling.

Cafe POS System – *MERN, TypeScript, Socket.io, TailwindCSS* – Git Link

- Real-time order system, inventory, role-based access.
- PDF receipts, printer support, secure login.

Edemy – AI Learning Platform – *Next.js, Express.js, PostgreSQL* – Git Link

- AI-generated course descriptions using Gemini.
- Secure payments with SSLCommerz.

MyShop 2.0 – E-Commerce Platform – *Next.js, Node.js, MongoDB* – Git Link

- Admin dashboard, POS orders, sales reports.
- Secure payments, notifications, auto-clean failed orders.

E-commerce UI Mobile App – *React Native, Redux Toolkit* – Git Link

- Cross-platform Android/iOS shopping app.
- Payment integrations: SSLCommerz, bKash, Nagad, Stripe.

DocuExtract – OCR Cash Memo Tool – *Next.js, Google Vision API* – Git Link

- Extracts text and exports to PDF/Excel/Word/JSON.

Assignment & Lab Report Generator – *Next.js, jsPDF, ShadCN* – Git Link

- Generates DIU-style assignment cover pages.

Contributions & Achievements

- Programming Contest Participant
- Executive, DIU Robotics Lab (Web Developer) - Developed and maintained internal robotics lab tools, dashboards, and automation utilities.
- Executive, Development Wing - DIU Software Engineering Club - Led development initiatives, contributed to club projects, and mentored junior members.
- NASA Space Apps Challenge 2025 – Participant