

MD ALAUDDIN

Full Stack Developer

Barisal Sadar, Bangladesh

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[Portfolio](#) | [Github](#) | [Linkedin](#)

Career Objectives

Full Stack Developer with 2+ years of experience building scalable, secure, and high-performance web applications using React.js, Next.js, Node.js, and PostgreSQL. Skilled in RESTful API development, payment gateway integration (Stripe, SSLCommerz), and modern web architecture. Focused on writing clean, maintainable code and following best practices in security and performance optimization. Seeking to contribute to a growth-oriented engineering team while continuing to improve my technical skills.

Skills

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3

- **Backend:** Node.js, NestJS, Express.js, REST API, Redis, Cloudinary, Swagger, Develop, Winston
- **Frontend:** React.js, Next.js, Redux, Tailwind CSS, EmailJS, i18next, Intlayer, Lenis, Design, SEO optimization
- **Security:** Helmet, JWT, RBAC, Rate Limiting, Sanitization, XSS & CSRF Protection
- **Payment Gateways:** SSLCommerz, Stripe, Amapay
- **Databases:** SQL, PostgreSQL, MongoDB (Mongoose ODM), Prisma ORM, Firebase, Supabase
- **Clouds / Hosting Platforms:** AWS (EC2, S3, IAM basics), Vercel, Railway, Render
- **Tools:** Git, Docker, Postman, CI/CD (GitHub Actions basics), k6 for API load testing and benchmarking.

Projects

CourseMaster – Learning Management System

[Backend](#) | [Frontend](#) | [Live Link](#)

Features:

- Implemented a modular course architecture with categories, modules, and lessons, along with lesson tracking.
- Integrated Stripe Payment Gateway for secure checkout and automated enrollment via webhook handling.
- Developed an Auto-Graded Quiz Engine and module-scoped assignment submission system for student evaluation.
- Designed secure JWT Authentication with multi-role authorization (Admin, Instructor, Student).
- Built a role-based dashboard with real-time analytics for revenue, student counts, and full curriculum CRUD.

Technologies: Next.js, Node.js, Express, Prisma, PostgreSQL, Redis, Stripe, Redux, Tailwind, etc.

Royal Palace - Hotel Booking Online

[Backend](#) | [Frontend](#) | [Live Link](#)

Features:

- Built scalable REST APIs with Express + TypeScript and reusable middleware.
- Implemented JWT authentication & role-based authorization (Admin, Receptionist, Guest).
- Applied security best practices: Helmet, CORS, input sanitization, rate-limiting.
- Implemented global error handling and request validation for robust APIs.
- Payment integration with SSLCommerz and verification endpoints.
- **Technologies:** Next.js, TypeScript, Redux, Node.js, Express.js, Mongoose, Redis, Helmet, etc.

BugZero - AI-Powered Website Diagnostic

[Backend](#) | [Frontend](#) | [Live Link](#)

Features:

- Built an AI-powered web diagnostic system to analyze website performance, structure, and potential issues automatically.
- Built a real-time report generation system with structured and user-friendly diagnostic results.
- Designed an automated website scanning engine to detect common issues such as broken links, SEO problems, and performance bottlenecks.

Technologies: Next.js, TypeScript, Node.js, Mongoose, JWT, REST API, etc.

Courses

Next Level Web Development Course - Programming Hero (Certified)

Complete Web Development Course - Programming Hero (Certified)

Education

Bachelor of Social Science (B.S.S.) in Social Work – Govt. Barisal College, Barisal (Currently in 4th Year)

Higher Secondary Certificate (H.S.C.) – Kashipur High School & College, Barisal | 2020

Languages

Bangla: (native), **English:** (Comfortable)