

MD MOHSEEN MOLLA

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Portfolio: mohseen.vercel.app | GitHub: github.com/MohseenMolla

PROFESSIONAL SUMMARY

Full-Stack MERN & Next.js Developer with experience in designing, architecting, and deploying production-ready web applications. Proficient in building scalable REST APIs, implementing secure authentication, and optimizing database schemas with MongoDB and MySQL. Skilled in building performant user interfaces using React, TypeScript, and Tailwind CSS with state management tools like Redux Toolkit.

TECHNICAL SKILLS

- Frontend:** Next.js, React.js, TypeScript, JavaScript (ES6+), Redux Toolkit, Tailwind CSS, HTML5, CSS3
- Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, Role-Based Access Control (RBAC)
- Databases:** MongoDB, Mongoose ORM, MySQL
- Tools & Concepts:** Git, GitHub, Postman, CI/CD, Responsive Web Design, Web Performance Optimization

WORK EXPERIENCE

Full-Stack Developer (Freelance / Remote)

2023 – Present

- Architected and deployed scalable full-stack web applications using React, Next.js, Express, and MongoDB/MySQL.
- Implemented secure authentication and authorization systems using JWTs and HttpOnly cookies to protect API endpoints.
- Designed optimized database schemas and aggregation pipelines using Mongoose and MySQL to reduce query times.
- Integrated dynamic admin dashboards for product catalog management, order tracking, and user permission controls.
- Deployed frontends to Vercel/Netlify and backends to Render, maintaining clean CI/CD pipelines through GitHub.

KEY PROJECTS

Full-Stack eCommerce Web Platform (MERN)

Live: meeshomart.netlify.app

- Developed a responsive eCommerce web application with state management powered by Redux Toolkit for real-time cart synchronization.
- Implemented role-based access control (RBAC) separating customer portals from the admin dashboard.
- Designed custom REST API endpoints in Express.js handling product inventories, order processing, and user profile management.

Restaurant & Food Management Application (MERN)

Live: foodiesx.netlify.app

- Created an online food ordering platform with real-time order status tracking and responsive cart UI.
- Constructed an interactive admin panel allowing instant category creation, menu updating, and price adjustments.
- Integrated MongoDB database indexing to optimize category-based product querying under load.

Medical Appointment Booking System (MERN)

Live: health-care-lyq9.onrender.com

- Built an automated healthcare portal allowing patients to browse doctor schedules and book appointments.
- Engineered doctor and administrator management portals to review, confirm, or cancel patient bookings.
- Structured Express backend routes with validation middleware to prevent double-booking conflicts.

EDUCATION

B.Sc. in Artificial Intelligence and Data Science

Green University of Bangladesh | 2024 – Present

CGPA: 3.22 / 4.00

LANGUAGES

English (Fluent) | Bangla (Native) | Hindi/Urdu (Conversational)