

Md. Ali Hasan Muzahid

MERN Stack Developer

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

CAREER OBJECTIVE

A dedicated **MERN Stack Developer** with a strong focus on building scalable web applications. Recently contributed to a team project, **CodeArena**, which was recognized as the **Best Project among 48 teams** for its technical complexity and attractive UI. Proficient in **React, Node.js, and Next.js**, with hands-on experience in **Docker** and **Redis** to optimize system performance. I am eager to apply my analytical problem-solving skills and passion for clean code in a collaborative, professional environment.

SKILLS

- **Frontend:** JavaScript (ES6+), **Next.js**, React.js, Tailwind CSS, **Framer Motion**.
- **Backend:** Node.js, Express.js, **Socket.io**, **BullMQ**, **Dockerode**.
- **Database:** MongoDB, **Redis** (Caching & Queuing), Firebase.
- **Tools & Platforms:** Git, GitHub, **Docker**, **Postman**, Vercel, Render.
- **Others:** **AI Integration (Gemini)**, REST APIs, JWT, **Stripe**, **CI/CD basics**.
- **Soft Skills:** **Technical Leadership**, Problem Solving, Team Collaboration.

PROJECTS

1. **CodeArena – AI-Powered Competitive Coding Platform | 2026**

[Live](#) | [Git Repository](#)

- Developed an AI-powered coding platform using **Docker** for secure, isolated code execution and **Redis** for efficient job queuing.
- Achieved **sub-second execution latency** (optimized by 75%) through container reuse and optimized backend architecture.
- Implemented real-time submission updates and notifications using **WebSockets (Socket.io)** for a seamless user experience.

Tech Stack: Next.js, Node.js, Docker, Redis, BullMQ, Socket.io, MongoDB.

2. **FinEase - Finance Management Application | 2025**

[Live](#) | [Client](#) | [Server](#)

- Tracks income and expenses with user-specific financial records.
- Provides categorized transaction history and visual financial summaries.
- Ensures secure access to personal financial data for each user.

Tech Stack: React, Node.js, Express.js, MongoDB, Firebase Authentication, Tailwind CSS

3. **LoanLinks - Advanced Loan Management System | 2025**

[Live](#) | [Client](#) | [Server](#)

- Manages loan applications, repayments, and user loan histories securely.
- Supports EMI calculation and online loan repayment with downloadable reports.
- Enables structured tracking of loan and payment records.

Tech Stack: React, Node.js, Express.js, MongoDB, Firebase, Stripe Payment Gateway, Tailwind CSS

EDUCATION

Bachelor in Urban and Regional Planning (BURP) 2023 – Present (3rd year)

Rajshahi University of Engineering and Technology

Rajshahi, Bangladesh

LANGUAGE

- Bangla – Native
- English – Intermediate
- Hindi – Conversational