

Rasel Mahmud

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Summary

Full-stack web developer with 2+ years of experience building scalable MERN, react.js and Next.js applications. Skilled in secure API development, responsive UI design, and modern frameworks like Firebase and MongoDB. Delivered 12+ projects that improved user engagement and operational efficiency by up to 40%. Passionate about clean code, performance optimization, and delivering impactful products.

Skills

Frontend: React.js, Next.js, Tailwind CSS, JavaScript (ES6+), HTML5, CSS3

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

Database: MongoDB, Mongoose, Firebase

Tools: Git, GitHub, Postman, VS Code, ShadCN UI, Radix UI

Soft: Problem-solving, Teamwork, Communication, Time Management

Experience

Full-Stack Developer — Personal Projects

Jan 2024 – Present / Dhaka, Bangladesh

- Developed and deployed MERN stack applications for small businesses, improving workflows by up to 30%.
- Built **Bistro Boss** restaurant management system with reservation tracking, order management, and role-based authentication.
- Created **Lingo Bingo** React + Firebase vocabulary app, increasing user engagement by 40%.
- *Tech: React, Next.js, Node.js, Express, MongoDB, Firebase*

Frontend Developer — [Programming Hero]

Jun 2024 – Dec 2024 / Dhaka, Bangladesh

- Implemented and optimized React components for a tourism management platform.
- Collaborated with backend developers to integrate APIs and improve data flow.
- Reduced page load times by 25% through performance optimization.
- *Tech: React, REST API, JavaScript*

Projects

Solar System OpenGL Simulation

Python, OpenGL / [GitHub](#)

- Simulated planets, moons, orbit paths, and zoom/pan features with a starry background.

Learn Vocabulary

React.js, Mongoddb / [GitHub](#)

- Built secure learn with firebase authentication, learning system.

Tour Management System Backend

TypeScript, Express.js / [GitHub](#)

- Built secure tour management backend with JWT authentication, transaction features, and payment , booking commission system.

Artifact Tracker Web App

MERN, Firebase / [GitHub](#)

- Developed platform to browse, add, and like historical artifacts, with user authentication and contribution tracking.

Education

B.Sc. in Computer Science & Engineering — [Uttara University]

2022 – Present

Certifications

JavaScript (Intermediate) — Programming Hero

2024

Responsive Web Design — Programming hero

2024

Backend Development — [Next Level - Programming Hero]

2025