

Dipu Barman

MERN Stack Web Developer

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

Career objective

Motivated and detail-oriented Full-Stack Web Developer with a strong foundation in the MERN stack (MongoDB,Express.js, React.js, Node.js). Skilled in developing responsive, scalable, and user-focused web applications.Seeking an opportunity to contribute to meaningful projects and enhance my skills in a dynamic development environment.

Skills

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

Backend : Node.js, Express.js, MongoDB

Tools & Platforms: Firebase, Git & GitHub, Netlify, Vercel, Figma (Basic)

Others: RESTful APIs, JSON, JWT, Responsive Design

Projects

Edu-Nexus (Online Study and Assignment Platform) — [live link](#) | [Frontend Code](#) | [BackendCode](#)

Edu-Nexus is a full-stack web application built with the **MERN stack** (MongoDB, Express.js, React.js, Node.js) designed to enhance online learning by providing a collaborative platform where students and instructors can interact, share study materials, and manage assignments efficiently. The platform is actively running and continuously being improved to deliver better features and user experience.Users can create marathons, register for events, and manage everything through a user-friendly dashboard.

Key Features :

Secure Auth – Email/Google login with JWT protection.

study Groups & Discussions — Create and join groups for collaborative learning and interactive discussions.

Management — Students can view, submit, and track assignments; instructors can create, review, and grade assignments.

Smart UX – Search/sort, countdown, custom 404, spinners, and env security.

Tech Stack :

Frontend – React.js, React Router, Tailwind CSS (with deepseek), Firebase Authentication, Axios, Toastify,SweetAlert2

Backend – Node.js, Express.js, MongoDB, JWT

TourZone (Tour Guide & Travel Booking Platform) — [live link](#) | [Frontend Code](#) | [Backend Code](#)

TourZone is a dynamic full-stack web application designed to connect travelers with experienced tour guides and provide seamless travel package booking. It features user-friendly interfaces for browsing tour packages, viewing detailed tour guide profiles, and managing bookings with ease. The platform emphasizes responsive design, secure authentication, and interactive user experiences to enhance travel planning.

Key Features:

Comprehensive Tour Listings — Browse and search travel packages by location, price, and guide ratings.

Tour Guide Profiles — Detailed profiles showcasing guide information, stories, and reviews.

Booking System — Users can book tours with preferred guides via protected and interactive booking forms.

Story Sharing — Guides and travelers can share travel stories and experiences within the community.

Admin Dashboard — Manage packages, guides, bookings, and stories with real-time updates.

Secure Authentication — Login/signup with email and Google authentication for smooth access control.

Responsive UI/UX — Developed with Tailwind CSS and React for a polished and mobile-friendly experience.

Tech Stack:

Frontend: React.js, React Router, Tailwind CSS, Firebase Authentication, Axios, React Query, Framer Motion

Backend: Node.js, Express.js, MongoDB, JWT

Language

Bengali (Native), English (basic)

Education

Bachelor of Science in Mathematics

National University Bangladesh — Started in 2020, Expected Graduation: 2026