

Md Mahmudul Hasan

Full Stack developer

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Location : Rangpur Bangladesh

CAREER OBJECTIVE

A passionate Full Stack developer with a strong foundation in building responsive and modern web applications using React/Next.js, Tailwind CSS for frontend and Express.js and MongoDB for Backend. Eager to join a dynamic team to contribute to project success while continuously learning modern web technologies.

TECHNICAL & SOFT SKILLS

Frontend: React.js/Next.js, Tailwind CSS

Backend: Node.js, Express.js

Database: MongoDB

Soft Skills: Time Management, Teamwork, Fast Learner, Communication.

Others: Axios, Fetch API, TanStack Query, AOS, Framer Motion, Recharts.

Projects

ScholarStream – Scholarship Management Platform | December 7 - December 18 [Live Link](#) | [Client](#) | [Server](#)

ScholarStream is a comprehensive platform designed to streamline global scholarship applications, offering a secure environment for students and robust management tools for administrators.

- **Role-Based Access Control (RBAC):** Implemented three distinct user roles (Admin, Moderator, Student) with dedicated dashboards and secure route protection.
- **Advanced Discovery Tools:** Developed server-side search, multi-criteria filtering (category/location), and sorting (fees/date) to handle large datasets efficiently.
- **Secure Payment Integration:** Integrated **Stripe** for seamless scholarship application fee processing, including automated status updates for successful or failed transactions.

Technologies used: React.js, Tailwind CSS, DaisyUI, Material UI, Axios, React Hot Toast,

Recharts

HabitTracker – Habit Tracking & Productivity App | November 10 - November 19 [Live Link](#) | [Client](#) | [Server](#)

HabitFlow is a dynamic MERN-stack application that enables users to establish productive routines through real-time tracking and visualization.

- **Advanced Habit Tracking:** Developed a logic-heavy completion system with a **completionHistory** array to track daily streaks and prevent duplicate entries.
- **Secure Authentication & Private Routes:** Implemented Firebase Auth with Google and Email/Password providers, utilizing protected routes to secure user-specific data.
- **Dynamic Data Management:** Engineered a responsive "My Habits" dashboard allowing users to perform CRUD operations with instant UI synchronization using TanStack Query.

Technologies used: React.js, Tailwind CSS, Firebase, TanStack Query, Stripe, Axios, Framer Motion, Chart.js, JWT, React Hook Form.

Smart Deals – Buying & Selling Platform | November 04 - November 25 [Live Link](#) | [Client](#) | [Server](#)

Experience Smart Deals, a modern marketplace where users can buy, sell, and bid on products effortlessly. The platform ensures smooth product posting, dynamic browsing, and real-time interactions between buyers and sellers.

- **Product Posting:** Users can create and publish product listings with images, descriptions, and pricing to sell their items easily.
- **Buy & Sell System:** Browse available products, view details, and purchase items directly from other sellers.
- **Backend Integration:** Frontend connected to an Express.js backend with MongoDB to manage product uploads, bids, purchases, and real-time data updates.

Technologies used: React.js, Tailwind CSS, Express.js, MongoDB

EDUCATION

Diploma in CST

Rangpur Polytechnic Institute, CST (4nd Semester) - Current

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Programming Hero | Remote

LANGUAGES

Bangla (Native) | **English** (Fluent) | **Hindi** (Conversational)