

Mahmud Reza Rafsun

Full Stack Developer

CAREER OBJECTIVE

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

I am a resolute Full Stack Web Developer enthusiastic about creating user-friendly, responsive web applications. I am skilled in frontend and backend development, aiming to excel and innovate in the web development field.

SKILLS AND TECHNOLOGIES

Technical Skills

- **Frontend:** HTML5, CSS3, JavaScript (ES6+), TypeScript, React.js, Next.js, Tailwind CSS, Shadcn UI.
- **Backend:** Node.js, Express.js, TypeScript, Prisma ORM.
- **Database:** PostgreSQL, MongoDB.
- **Authentication & Security:** Better Auth, JSON Web Token (JWT), Firebase Authentication.
- **Tools & Platforms:** Postman, Git, GitHub, Linux/Windows, VS Code, Netlify, Vercel, Figma.

PROJECTS

Eco Spark Hub – Sustainable Innovation & Idea Management Platform

 [Live Site](#) |  [Frontend](#) |  [Backend](#)

Eco Spark Hub is a robust full-stack application designed to facilitate the sharing, voting, and funding of sustainability-driven ideas. It provides a centralized ecosystem where innovators can pitch service-oriented projects, and the community can engage through interactive feedback and financial support, driving social and environmental impact.

Key Features

- **Dynamic Idea Ecosystem:** Developed a comprehensive CRUD system allowing users to create, update, and manage sustainability proposals with categorized tagging.
- **Engagement & Feedback System:** Engineered an interactive commenting module that allows users to provide feedback, discuss project feasibility, and collaborate on shared ideas.
- **Interactive Voting Engine:** Implemented a real-time Upvote/Downvote system to identify high-impact ideas and prioritize community-driven content.
- **Secure Payment Integration:** Integrated **Stripe API** to manage secure financial transactions, enabling users to contribute to or fund specific service initiatives.
- **Advanced Multi-Tier Auth:** Engineered a secure authentication layer using **Better Auth** and **JWT**, featuring role-based access control (RBAC) for standard users and administrators.
- **Premium UI/UX Performance:** Built a highly responsive interface utilizing **Shadcn UI** components and **Tailwind CSS** for a polished, professional user experience.
- **Efficient Data Handling:** Leveraged **Prisma ORM** with **PostgreSQL** for type-safe database queries and structured relational data management.

Technical Stack

- **Frontend:** Next.js (App Router), TypeScript, Tailwind CSS, Shadcn UI.
- **Backend:** Node.js, Express.js, TypeScript.
- **Database & ORM:** PostgreSQL, Prisma ORM.
- **Security & Auth:** Better Auth, JSON Web Token (JWT).
- **Payment Gateway:** Stripe (Payment).

EDUCATION

Secondary School Certificate (SSC)

- **Group:** Business Studies | **GPA:** 3.17 Out of 5.00 | **Passing Year:** 2023