

Asad Chowdhury

MERN Stack Developer

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- GitHub • LinkedIn



SUMMARY

- Motivated Junior Web Developer with hands-on experience building full-stack MERN applications using React, Node.js, Express, and MongoDB. Skilled in creating secure authentication systems, role-based dashboards, REST APIs, and responsive UI with Tailwind CSS. Passionate about solving real-world problems through scalable web solutions and eager to contribute to a professional development team.

EDUCATION

- **Bachelor of Science in Computer Science & Engineering (11/2020 - 01/2025)**
Ahsanullah University of Science & Technology
CGPA: 3.722/4.00
- **Higher Secondary Certificate (07/2017 - 11/2019)**
Notre Dame College, Dhaka
CGPA: 5.00/5.00
- **Secondary School Certificate (01/2012 - 2017)**
Barabaul High School
CGPA: 5.00/5.00

PROJECTS

- **RedPulseBD – Blood Donation Management System** [Live Link](#) [GitHub Link \(Client\)](#) [GitHub Link \(Server\)](#)
 - **Description:** A blood donation platform connecting donors, volunteers, and patients with secure role-based access and donation request management.
 - **Key Contributions & Features:**
 - * Developed role-based dashboards (Admin, Donor, Volunteer)
 - * Implemented JWT-secured private routes
 - * Built donor search by blood group, district, and upazila
 - * Created donation request CRUD system
 - * Integrated Stripe payment gateway for funding
 - * Admin dashboard with statistics & management tools
 - * Fully responsive UI for all devices
 - **Tech Stack:** React, React Router, Tailwind CSS, DaisyUI, Firebase, Node.js, Express.js, MongoDB, Stripe

- **UrbanCare – Community Cleanliness & Issue Reporting Portal** Live Link GitHub Link (Client) GitHub Link (Server)

- **Description:** A community-driven platform that allows users to report environmental and cleanliness issues, contribute funds, and track issue resolution progress.
- **Key Contributions & Features:**
 - * Implemented secure authentication using Firebase (Email & Google login)
 - * Built issue reporting, updating, and tracking system with MongoDB
 - * Developed user dashboards (My Issues, My Contributions)
 - * Integrated Stripe payments and PDF receipt downloads
 - * Added Dark / Light mode toggle
 - * Designed responsive UI using Tailwind CSS
 - * Implemented loading states, error handling, and 404 pages
- **Tech Stack:** React, Tailwind CSS, Firebase Auth, Node.js, Express.js, MongoDB, Stripe, Axios

TECHNICAL SKILLS & TOOLS

Frontend	Backend	Tools & Platforms	Programming Language
<ul style="list-style-type: none"> • React.js, JavaScript (ES6+) • HTML5, CSS3 • Tailwind CSS, DaisyUI • React Router • React Hook Form • TanStack React Query 	<ul style="list-style-type: none"> • Node.js, Express.js • REST API Development • JWT Authentication • MongoDB (CRUD Operations) 	<ul style="list-style-type: none"> • Firebase Authentication • Stripe Payment Integration • Axios • Git & GitHub • Vercel, Netlify • VS Code 	<ul style="list-style-type: none"> • C / C++ • Java • Python

LANGUAGES

Bangla	English
★★★★★	★★★★☆
5/5	4/5

WORK EXPERIENCE

- **College Science Fest** – Volunteer Coordinator
- **College Cultural Night** – Logistics Manager
- **University Cultural Fest** – Event Coordinator
- **University Programming Club** – General Member
- **University Programming Contests** – Regular Participant