

# Asad Chowdhury

MERN Stack Developer

• asadchowdhury902@gmail.com • +8801 793877902

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

## 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