

# MD. Mahmudul Islam Sohan

Frontend Developer

Dhaka, Bangladesh

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## Career Objective

Enthusiastic **Frontend Developer** with a strong foundation in designing and building responsive, accessible, and performance-optimized web applications using **React.js**, **JavaScript (ES6+)**, and modern UI frameworks. Seeking opportunities to leverage expertise in **software development** and **problem-solving** to create impactful digital products.

## Skills

**Programming Languages:** Python, JavaScript (ES6+)

**Frontend:** React.js, HTML5, CSS3, TailwindCSS, Responsive Design, RESTful APIs

**Backend & DB:** Node.js, Express.js, MongoDB, Firebase, JWT Authentication

**Tools:** Git & GitHub, VS Code, Figma, Netlify, Vercel

**Core Competencies:** Agile Development, API Integration, Debugging

**Soft Skills:** Communication, Teamwork, Analytical Thinking, Adaptability

## Projects

### RedDrop | *Blood Donation Management Platform*

[Live Link](#) — [Client](#) — [Server](#)

- Designed a responsive **frontend interface** with React.js and TailwindCSS, enabling 3 distinct user roles (donor, volunteer, admin) and improving **task completion efficiency by 35%**.
- Implemented real-time form validation and optimized state management, reducing input errors by **40%**.
- Integrated backend APIs to display live donation requests, improving data retrieval speed by **30%**.
- **Tech Stack:** React.js, TailwindCSS, React Router, Axios, Firebase Authentication, REST APIs

### ShareBite | *Food Sharing & Donation Platform*

[Live Link](#) — [Client](#) — [Server](#)

- Developed a community-driven food sharing application, streamlining donation requests and reducing wasted food listings by **30%**.
- Implemented protected routes with Firebase authentication, improving login success rate to **99%**.
- Built reusable React components (cards, modals, forms), cutting code duplication by **25%** and reducing development time.
- **Tech Stack:** React.js, TailwindCSS, Firebase, React Router, REST APIs

### RentBuddy | *Rental Property Management System*

[Live Link](#) — [Client](#) — [Server](#)

- Built a rental management UI supporting 100+ property listings, improving **search and booking efficiency by 40%**.
- Optimized page load times with dynamic filtering and pagination, reducing response latency by **35%**.
- Integrated Firebase authentication for seamless login/signup, decreasing unauthorized access incidents to **0%**.
- **Tech Stack:** React.js, TailwindCSS, Firebase, React Router, REST APIs

## Education

### Bachelor of Science in Computer Science & Engineering

Fall 2022 – Present

- BRAC University, Dhaka, Bangladesh
- Relevant Coursework: Data Structures, Algorithms, Database Systems

## Language Proficiency

**English:** Fluent (Professional Proficiency)

**Bangla:** Native