Mehedi Hasan

Passionate Computer Science student with a focus on full-stack development and user-centric design.

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SUMMARY

I'm a Computer Science student at Independent University, Bangladesh, with a strong interest in web development. I'm eager to start building full-stack web apps using React.js, Node.js, Express.js, and MongoDB. Right now, I'm also curious about exploring NextJs, PostgreSQL and 3D web design and how it can make websites more interactive and engaging.

EXPERIENCE

Junior Frontend Developer — Present
Blood Bridge 🔗 — *Dhaka, Bangladesh*

- Contributed to the development of a web-based Blood Bank Management System, enhancing user interfaces for donors, patients, and administrators.
- Collaborated with cross-functional teams to integrate frontend with backend services, improving overall application performance.

EDUCATION

Independent University, Bangladesh — Dhaka, Bangladesh
B.Sc. in Computer Science — *May 2021 – Ongoing*

- **Relevant Coursework:** Software Engineering, System Analysis, Web Development, Database Management Systems, Special Topic (Research Methodology), Image Processing

Programming Hero
Advanced Web Development — *Ongoing*

- Advanced web development with React.js, JavaScript concepts, and full-stack development.

PROJECTS

Job Portal Website *(React, Node.js, MongoDB)* 🔗

- Developed a full-stack job portal with secure JWT-based auth, real-time job listings, and role-based access.
- Implemented responsive UI using Tailwind CSS and integrated REST APIs for job and application management.

BLCS: Online Legal Consultation *(Frontend - React, Tailwind CSS)* 🔗

- Built the front-end of an online legal consultation platform for users to request legal services.
- Focused on creating a user-friendly interface with React and Tailwind CSS to visualize use cases.
- Implemented dynamic UI elements for service navigation and consultation booking.

RESEARCH INTERESTS

- Human-Computer Interaction (HCI) and User-Centered Design
- Digital Image Processing and Computer Vision
- User Experience (UX) and Interface Design

SKILLS

Programming Languages: HTML, CSS, JavaScript, Python, Java, MATLAB, SQL

Web Development: React.js, Next.js, Node.js, Express.js, MongoDB, Firebase Authentication, JWT

Development Tools & Platforms: Git, GitHub, GitLab, Figma, Vercel, Netlify

COMPETITIVE PROGRAMMING

Problem-Solving: Solved numerous data structure and algorithmic problems and participated in online programming contests in various platforms like Codeforces, CodeChef.