

ZAHARA RAHMAN

CHOWDHURY

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

SOFTWARE ENGINEER

To secure a position as a Software Engineer where I can use my coding skills and enthusiasm for building dynamic, user-friendly web applications. I am eager to grow in a collaborative environment, continuously learn new technologies, and enhance my expertise in modern software development practices

WORK EXPERIENCE

FRONTEND DEVELOPER - INTERN

September, 2023 – March, 2024 | [Mednaath Technologies](#)

- Designed and developed responsive web pages using JavaScript, Next.js, TypeScript, CSS, Tailwind CSS.
- Refactored backend API's to fit with the user's dynamic demands and integrated APIs with frontend applications for smooth data communication.
- Customized AI voice responses and verified API responses and debugging issues to improve performance.
- Manually tested voice calling features, ensuring smooth audio clarity, connectivity, and real-time interaction.

SKILLS

- Programming Languages and Core Technologies:** HTML, CSS, JavaScript, TypeScript, C++, Python
- Frameworks, Libraries and ORMs:** React.js, Next.js, Tailwind CSS, Express.js, Prisma, Mongoose
- Databases, Tools & Deployment Platforms:** MongoDB, MySQL, PostgreSQL, Git, Firebase, Vercel, Netlify, Supabase

PROJECTS

HELPMATES - Full-Stack Volunteering website

[Live-site](#) | [GitHub](#) : [Client](#) | [Server](#)

- Connects individuals with service opportunities based on their skills, interests, and availability across categories like environmental conservation, healthcare, and education.
- Allows volunteers to track their application status, participation history, and total volunteer hours.
- Technologies Used:** TypeScript | Next JS | Redux | Material UI | Express Js | JWT | Prisma | Vercel | Supabase

FURNITURE HUB - Furniture Marketplace Website

[Live-site](#) | [GitHub](#) : [Client](#) | [Server](#)

- Sellers can list, update, and manage furniture, track sales, and offer polishing services, while buyers can browse, filter, add to cart, and place orders.
- JWT for secure authentication and role-based access control and access of specific features.
- Technologies Used:** TypeScript | React JS | Redux | Material-Tailwind | Express Js | JWT | Mongoose Vercel | MongoDB Atlas

CRAFTOPIA- MERN Stack arts and crafts summer camp website

[Live-site](#) | [GitHub](#) : [Client](#) | [Server](#)

- It features separate dashboards for admins, instructors, and students, enabling admins to approve courses created by instructors and manage roles, while students can enroll in approved courses. Secure authentication is handled via Firebase and JWT, with React Stripe JS facilitating student payments.
- Technologies Used:** React JS | Tailwind CSS | Daisy UI | Firebase | Express Js | MongoDB | Vercel | JWT

EDUCATION

B.SC. IN COMPUTER SCIENCE AND ENGINEERING

CGPA: 3.84 / 4.0

Leading University, Sylhet

- A-Levels, Sylhet International School and College, Sylhet
- IGCSE, Sylhet International School and College, Sylhet

PUBLICATION

- M. Akther, Z. R. Chowdhury, A. Tabassum, and M. S. R. Kohinoor, "A Comparative Study on Different Machine Learning Techniques in Diabetes Risk Assessment," 2023 3rd International Conference on Intelligent Technologies (CONIT), Hubli, India, 2023, pp. 1-6, doi: [10.1109/CONIT59222.2023.10205382](#).

LANGUAGE

- Proficient in speaking and writing both in English and Bangla