Md. Mehedi Hassan

Experienced software engineer with a focus on building engaging & accessible digital experiences across web and mobile

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Relevant Experience

Front End Developer · Hubar Tech Limited
Jun 2023 – Present

Software development company specializing in Telecoms Software (Exos Systems UK).

- Architected enterprise multi-tenant POS within NX Monorepo using React, Redux Toolkit, and Azure Auth; engineered till management and high-volume billing.
- Optimized workflow control pipelines for enhanced operational efficiency and automated invoice generation.
- Spearheaded cross-platform React Native development for telecoms self-care, real-time subscriber recharges, and billing services on iOS and Android.

Front End Engineer (Part Time) · 10 Billion
2024 – Present

Global nonprofit uniting people to tackle humanity's biggest challenges.

- Developing scalable, responsive web and mobile interfaces using React, React Native, and TypeScript.
- Building high-performance, accessible web and mobile interfaces focused on fluid UX and global scalability.

Front End Web Developer (Intern) · Creative IT
2019 – 2020

- Developed, maintained, and shipped production code for client websites primarily using HTML, CSS, Sass, JavaScript, and jQuery.
- Performed quality assurance tests on various sites to ensure cross-browser compatibility and mobile responsiveness.

Selected Projects

Two Rings · tworingsbd.com
Live Link

Commercial wedding photography platform built with React, Tailwind CSS, Cloudinary dynamic media optimization, EmailJS booking pipeline, and Yup validation.

Knock-Knock · React, RTK Query
GitHub

Real-time messaging web app with JSON Server Auth, persistent sessions, automatic cache updates, private route protection, and infinite scrolling.

T-Shirt 3D Visualizer · React, Three.js
Demo

Interactive 3D product customization experience allowing real-time texture and color manipulation directly on 3D meshes.

ThemeForest (TunHum) · HTML5, CSS3, JS
Live

Multi-purpose agency web theme approved on Envato ThemeForest marketplace following strict code quality, accessibility, and responsiveness validation.

Skills

Programming Languages
JavaScript (ES2015+), TypeScript, HTML5, CSS3, Sass/SCSS, LESS

Libraries & Frameworks
React, React Native, Redux Toolkit, RTK Query, Material UI, Tailwind CSS, jQuery, Bootstrap, Three.js, Framer Motion

Tools & Platforms
Git, GitHub, Vercel, Cloudinary, EmailJS, NX Monorepo, REST APIs, JSON Server

Education

Bangladesh University
BSc in Computer Science
2020 – 2024 · Dhaka

Sirajganj Institute of Technology
Diploma in Computer Science
2015 – 2019 · GPA: 3.34 / 4.0

Sabuj Kanan School & College
Secondary School Certificate
2015 · GPA: 4.67 / 5.0

Languages

Bangla (Native), English (Professional), Hindi (Conversational)

Awards

ThemeForest Approval (2019) · Commercial theme successfully approved on ThemeForest.

Telecom Client Project (2020) · Completed frontend implementation for a telecom client.

Interests

Technology stories, open source, traveling, sci-fi movies, reading novels, music, coding.