

Emran Hossain

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EDUCATION

University of Information Technologies and Sciences

Bachelor's of Science, Computer Science

Aug 2013 — May 2017 CGPA 3.6/4, Computer Science

WORK EXPERIENCE

Product Lead and Software Engineer

Jan 2024 — Present

Tiblo Digital

Copenhagen, Denmark

- As a Team lead I streamlined the client on-boarding by Introducing new Framework for Requirement Analysis resulting in faster design delivery.
- Designed and Launched a B2B web application, a New innovative product in collaboration with TyreProf resulting in a 90% new customers converted in the first quarter. Implemented a feature that supports real time collaboration and presence detection in React using conflict free replicated data (CRDT).
- Introduced a new collaboration style, design standards and documentation strategies with Storybook and Figma to simplify front end development.

Front-end Engineer, UX Lead

Apr 2023 — May 2024

The Total Office (Contract)

Dubai, UAE

- Played a key role in addressing security vulnerabilities (CVEs), reducing their count from 411 to 3 through diligent analysis and mitigation measures.
- Introduced ARIA attributes and customizable keyboard navigation, resulting in 98% user satisfaction from individuals with diverse abilities.
- Optimized Core Web Vitals (LCP, CLS, FID) for a high-traffic e-commerce platform by implementing image lazy loading, code splitting, and service workers, improving conversion rates by 20% and page load speed from 3.4s to 1.2s.

Lead UX/UI Designer

May 2022 — Apr 2023

MarketTime LLC (Contract)

Austin, Texas, USA

- Achieved WCAG compliance for an enterprise grade system in 2 months. Collaboratively designed a new payment processing feature named “mtPay” with a 95% user adoption rate and Ensured seamless migration from Angular 3 to Angular 10.
- Implemented enterprise Design System, saving 60% time on system upgrades, 50% increase in design delivery and simplifying developer project transitions.
- Boosted customer conversion rate from 20% to 88% and reduced drop off rate by 32% and Significantly reduced load time by 34% by redesigning and refactoring the website layout and artifacts.

Lead Product Designer, Front-end Developer

Jan 2021 — May 2022

Roxnor

Dhaka, Bangladesh

- Worked on Node JS and Apollo GraphQL to develop a GraphQL backend server, Implemented a robust que system using Bull MQ for processing heavy background jobs, Reduced Reporting API endpoint response from minutes to seconds by rewriting API using Nest JS.
- Implemented a Large scale design system, ensured WCAG standards, Standardized the design to dev workflow resulting in faster design delivery and almost 100% increase in User Adoption rate.
- As a Team lead I designed, developed and launched an AI Content Generator and Manager GetGenieAI from 0 to 1 which resulted in 98% user sign ups, 100% activation rate, 20k MAU and increased session depth.

SKILLS

- Programming Languages:** JavaScript, Typescript, Python, C/C++, HTML/CSS, Java, Bash, Rust, Lua, SQL.
- Technologies:** React, Astro, Angular, SolidJS, Svelte, Artificial-Intelligence, Tailwind CSS, LangChain, Git, Linux, UNIX, Docker, Caddy, NGINX, Google Cloud Platform.
- Design Skills:** User Experience Design, Product Design, Accessibility Design, Human Centered Design, Interaction Design, UI Design, 2D Animation, Graphics Design.