

# Emran Hossain

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## EDUCATION

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### University of Information and Technologies

*Bachelor's of Science, Computer Science*

*Aug 2013 — May 2017 Computer Science - UITS*

## WORK EXPERIENCE

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### Product Lead, Software Engineer

Tiblo Digital

Dec 2023 — Present

*Copenhagen, Denmark*

- Proudly Launched over 25 successful products in the agency as a Product lead.
- Designed and Launched WheelLog, a New innovative product in collaboration with TyreProf resulting in a 80% customer converted in the first quarter. Implemented support for 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 eliminate design debt.

### Front-end Engineer, UX Designer

The Total Office

April 2023 — Dec 2023

*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

MarketTime LLC

May 2022 — April 2023

*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. Ensured seamless migration from Angular 3 to Angular 10.
- Implemented a design system, saving 60% on system upgrades, 50% increase in design delivery and simplifying developer project transitions.
- Ensured seamless migration from Angular 3 to Angular 10.
- 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.

### Lead Product Designer, Front-end Developer

Roxnor

Jan 2021 — May 2022

*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.

## SKILLS

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- **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.