

Emran Hossain

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EDUCATION

University of Information and Technologies

Bachelor's of Science, Computer Science

Aug 2013 — May 2017 Computer Science - UITS

WORK EXPERIENCE

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

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

PERSONAL PROJECTS

Writer

www.github.com/git-emran/simple-notes/

- A Markdown Text editor(Cross Platform Desktop app) with built in LSP (language server protocol), Syntax highlighting and completions you can build your coding documentation, as a student or a learner practice your DSA, or document your workflow in general using the markdown syntax and Vim motions.

SKILLS

- **Programming Languages:** JavaScript, Typescript, Python, C/C++, HTML/CSS, Java, Bash, R, Lua.
- **Technologies:** React, Astro, Angular, SolidJS, Svelte, Tailwind CSS, LangChain, Git, Linux, UNIX, Docker, Caddy, NGINX, Google Cloud Platform.