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   Dec 2023 — Present

Tiblo Digital   *Copenhagen, Denmark*

- Proudly Launched over 25 successful products in the agency as a Product lead.
- Designed and Launched WheelLog, a New innovative product in collboration 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   Dec 2023 — Mar 2024

The Total Office   *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   Jun 2020 — May 2023

MarketTime LLC   *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 deliver y 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.

PROJECTS

Writer (www.github.com/git-emran/simple-notes/)   Nov 2023 — Present

- 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.