

chen Shen

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Toronto, Remote

[LinkedIn](#) | [Github](#)

A **frontend** developer
with great passion for **UI/UX** design
and bias for action

Skills

Strong: React, JavaScript, HTML, CSS, Figma, TailwindCSS, Node.js

Experienced: Git/Github, Redux, AWS, TypeScript, Express.js, webpack, Next.js, Tanstack (React) Query, PostgreSQL, MongoDB, Docker, Github Actions, Jest, Postman, Vite, Miro, Java, GraphQL, Adobe Premiere, After Effects, Photoshop

Experience

Software Engineer - C-React(Oslabs) - Visualization Tool for React 18 with Chrome Extension - 2023 Jan to 2023 Aug

- An open source product sponsored by tech accelerator OSLabs (opensource.labs.io)
- Developed and published a custom renderer using the reconciler package to analyze the new React 18 concurrent rendering features by capturing fiber lane priorities before commits (available through npm as [creact-visualizer](#))
- Engineered 'C-React', a Chrome Extension DevTools utilizing the D3-react-tree library, to dynamically visualize component structures and hierarchies of the fiber node tree, optimizing UI/UX understanding and facilitating efficient debugging
- Incorporated web-vitals APIs to display real-time core web performance metrics (FID, LCP, FCP)
- Designed high-fidelity mockup with Figma for product landing page
- Translated Figma design to a mobile-first responsive landing page ([c-react.dev](#)) with dark mode enabled using Next.js
- Configured Github Actions to automate testing with Jest and ESLint

Other Experience

B2B/B2C Sales/Entrepreneur/Business Development Specialist - 2013 to 2021

- Optimized mortgage affordability calculators and to help clients from various backgrounds
- Designed captivating marketing materials, including digital flyers, invitations, and static landing pages to effectively promote the project across a wide range of social media platforms
- Planned, coordinated, hosted sales events and participated in multiple trade shows
- Conducted a variety of market analyses to predict demand and prices, facilitating successful sales transactions

Projects

UX Engineer - A study app for anyone learning - 2024

- Created the design system including UI component library with figma
- Led the UX design to development process from end-to-end as both designer and developer, with constant reiteration for more user-centric, accessible, performance-oriented, and reusable designs
- Translated designs into pixel perfect UI components

Frontend Engineer - An AI powered food recipe website - 2023

- Employed Vite and Vitest for bundling and testing
- Configured Husky and Lint-Staged to enforce code quality and style standards through pre-commit hooks

Software Engineer - A landlord reviewing website - 2023

- Utilized React Router to enable a smooth navigation and improved user experience
- Implemented Redux Toolkit for secure and efficient user authentication
- Produced pixel perfect components with TailwindCSS

Education

Google Career Certificate - UX Design - <i>In progress</i>	2024
AWS Certifications - <i>Solution Architect Associate, Developer Associate, Cloud Practitioner</i>	2023
Codesmith - <i>Software Engineering Immersive</i>	2023
Harvard University, Extension School - <i>Master of Liberal Arts (ALM) Digital Media Design</i>	2021 Boston, MA
University of Toronto - <i>Bachelor of Commerce (BCOM) Management Specialist</i>	2012 Toronto, Canada