

SKILLS

Technologies: TypeScript, React, React Testing Library, React-Query, Redux, Angular, NgRx, RxJs, Three.js

EDUCATION

Bachelor of Computing – University of Guelph 2017 - 2018
Advanced Diploma, Software Engineering Technology – Centennial College 2013 - 2016

EXPERIENCE

Frontend Developer / Team Lead

SHOEBOX (WSA Canada) | Ottawa, Ontario Sept 2024 - present

- Frontend team lead on cloud-based portal audiometric testing data and workplace safety compliance
- Improved average remote unit test execution time by 70% driving test adoption across largely untested codebase
- Leading platform wide component library initiative to standardize UI patterns and reduce duplication
- Migrating complex data tables to Tanstack Table, improving UI performance and maintainability of key views
- Migrating data fetch layer to React-Query, replacing manual server state management

Software Developer II

Affinity | Toronto, Ontario Sept 2021 - Mar 2024

- Key developer on Affinity's new product "Affinity for Salesforce" driving architecture and feature enhancements with React, React-Query, Ruby, and Next.js
- Resolved critical client facing issue under tight deadline, preventing major account refund and reinforcing product trust
- Developed Chrome and Outlook extensions, including migration Chrome's manifest V3 API
- Updated Affinity's CRM with new ESLint rules, affecting over 2800 files, which bridged the gap between the legacy code and the modern coding practices of our new Chrome and Outlook extensions

Frontend Developer / Technical Lead

CybernetIQ | Ottawa, Ontario Sept 2020 - Jul 2021

- Led a rearchitect of the frontend to improve application performance and reduce memory usage
- Rebuilt frontend from object to data driven architecture using React, Redux and Redux-Observables
- Mentored junior developers in React and Three.js

Software Developer

Vish ltd. | Montreal, Quebec Jan 2019 - Aug 2020

- Accelerated rebuild and tech stack upgrade of main tablet NativeScript Angular application
- Worked with functional programming patterns to completely overhaul UI and UX based on user needs
- Contributed to other applications in the suite using Angular, RxJs, NgRx, Ramda, PostCSS and more

Software Developer

WIMTACH | Scarborough, Ontario Nov 2016 - Aug 2017

- Developed React-Native access control app for Android and iOS, featuring BLE connectivity and microcontroller communication
- Led a project to create a 3D graphics module using Three.js and TypeScript for efficient 3D model management
- Spearheaded the development of a Windows and Android walking simulator app, integrating wearable technology for real-time data sync

ACHIEVEMENTS

Co-Organizer and Host, Ottawa JavaScript Meetup 2023
Co-founded 'Ottaweb' with a colleague to enhance Ottawa's web development community