

Employment

Senior Software Engineer **Morningstar Inc.** **2022-09-Current**

Angular 14-20, Typescript, Rxjs, NodeJs, Webpack, Vite, Scss

- Efficiently displayed time series data with sub 100 ms user interaction latency by optimizing DOM rendering and prefetching chart options on hover
- Achieved WCAG 2.1 compliance certification for four products verified by LevelAccess, by implementing semantic HTML and reusable accessibility patterns
- Incrementally refactored large components into a **reusable design system, maintaining backwards compatibility** providing a consistent UX and developer experience, while engaging with team members for feedback and onboarding
- Improved local build process, reducing feedback time from 5 minutes to 20 seconds. Leading to increased developer productivity and faster iterations by eliminating previously required rebuilds

Frontend Developer **SuperU Inc.** **2021-08 - 2022-07**

React, Redux, Styled Components, ReactQuery, Typescript, Webpack, NodeJs

- **Created accessible, permanent and scalable design system using React** and Styled Components, increasing engineering speed for new features
- Developed real time live stream chat feature for thousands of users, measured by websocket connections and duration. Chat included various message types based on user privileges including admins, moderators and regular users
- Implemented tiered monetization feature enabling users to tip and feature their message at the top of the chat using Helcim payment systems
- Reduced JavaScript bundle size by over 60% by analyzing dependencies using Webpack analyzer and decreased download times by 30% implementing custom router based lazy dynamic imports

Frontend Developer **Rippul** **2020-09 - 2021-08**

React, Redux, Styled Components, ReactQuery, Typescript, Webpack, NodeJs

- Launched video streaming platform MVP, prioritizing streaming, video uploads, comments resulting in a strong foundation to implement additional user requested features
- Designed client-side authorization and authentication system supporting multiple roles, enabling dynamic, granular, and role-based UI rendering

Full Stack Developer **UIBeat** **2020-01 - 2020-09**

React, Redux, NestJS

- Improved authorization using OAuth protocols allowing users to login using Gmail, Github or Apple accounts

Education

Hamilton, ON **Mohawk College** **2016-09 - 2020-02**

- Ontario College Advanced Diploma: Computer Systems Technology - Software Development

Languages, Technologies and Skills

- HTML5, CSS3, **Vanilla Javascript**, Typescript, Angular 14+, **React 16+**; Scss, NodeJs, Tailwind, Styled Components
- PostgreSQL, SQLite
- **Figma, Ollama AI**, LMStudio, Prompt Engineering