

Sandrico Provo

Halifax, Nova Scotia, Canada

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SKILLS

- React
- TypeScript
- CSS
- Styled Components
- JavaScript
- NextJS
- GraphQL
- Git
- Node
- PostgreSQL
- Express
- Vite

PROFESSIONAL EXPERIENCE

Software Developer — *REDspace*

May 2022 - PRESENT

- Optimized performance by 50% by iterating on data loading strategies for a high-traffic React component.
- Increased test coverage by 20% by creating unit and end-to-end tests using modern testing tools in React.
- Provided a data-driven form component in under 150ms by developing a form renderer that consumes JSON using React Hooks.
- Reduced type duplication in a TypeScript application by 80% by creating a generic type for reusable components.
- Guided a small dev team through common engineering cycles leading to a successful MVP demo after three months while using new technologies.

Jr. Software Developer — *REDspace*

May 2021 - April 2022

- Boosted rendering performance by 92% by experimenting with and integrating a virtualized list inside a high-use table component.
- Reduced technical debt by 30% by integrating a state management library into a large React and TypeScript codebase.
- Actioned on user feedback by building drag and drop, duplicating, and reordering functionality into multiple data-driven React components.

- Coded a 3-step data-driven user authentication flow with sessions using React, TypeScript and GraphQL.
- Diagnosed and implemented a fix for a blocking full-stack issue that allowed the team to maintain velocity within tight deadlines.

Web Application Developer — *Bursity / Cooperative Education*

May 2020 - August 2020 / Startup

- Produced a design prototype using Figma that attracted two potential investors after demonstrations.
- Worked collaboratively to integrate third-party data sources into a front-end application using WordPress and custom CSS.
- Built a frontend using WordPress and custom CSS that provided hundreds of personalized scholarships to students within five steps or less.

EDUCATION

Diploma IT Web Programming — *Nova Scotia Community College*

April 2021 / Halifax, Nova Scotia / Honors

Bachelor of Arts Geography & Sociology — *Saint Mary's University*

January 2017 / Halifax, Nova Scotia