

Sandrico Provo

Halifax, Nova Scotia, Canada

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SKILLS

Languages & Frameworks: JavaScript, React, TypeScript, HTML, CSS, NextJS, Node

Technologies: GraphQL, Postgres, ESLint, Styled Components

Tools: Visual Studio Code, Git, JIRA, GitHub, BitBucket, Slack

Operating Systems: macOS

WORK EXPERIENCE

Software Developer — *REDspace*

May 2022 - Present / Halifax, Nova Scotia

- Optimized load times by 50% by implementing GraphQL queries based on user depth in a React and TypeScript file tree component.
- Streamlined a React and TypeScript application by creating a shared type for similarly purposed components, leading to a 40% drop in code duplication.
- Coded a NodeJS script that efficiently handles both small and large file uploads in AWS S3, providing a template for hundreds of developers to implement file upload files more quickly and reliably.
- Spearheaded a cross-functional effort that reduced data loss potential by 40% by integrating an online/offline auto-saving feature using React Native and AWS Amplify.
- Accelerated report generation times by 10x by building a custom React, TypeScript, and JSON form renderer that used templating to deliver data-driven forms within 150ms and generate reports.

Jr. Software Developer — *REDspace*

May 2021 - April 2022 / Halifax, Nova Scotia

- Improved rendering speeds by 92% by integrating a virtualized list into a React and TypeScript table component, enhancing application responsiveness.
- Minimized debugging and troubleshooting times by 10% by integrating a state management library into a React and TypeScript codebase, resulting in a more efficient development process.
- Boosted workflow productivity by 2x by implementing drag and drop, duplicating, and reordering workflows into a high-traffic React and TypeScript component.
- Strengthened user trust and confidence by creating a secure 3-step authentication workflow using React, TypeScript, and GraphQL, resulting in a 25% increase in user satisfaction.
- Reconfigured a project application start-up workflow that prevented a team downtime of 8 hours by using docker and other open-source tools to run multiple parts of the app in two commands.

Web Application Developer — *Bursity / Cooperative Education*

May 2020 - August 2020 / Startup / Halifax, Nova Scotia

- Utilized WordPress and custom CSS to build a front-end website that provided personalized scholarship suggestions to hundreds of students within five steps.
- Collaborated within a cross-functional team to integrate third-party data sources into a front-end application built in WordPress, enhancing functionality.
- Produced a design prototype using Figma that successfully attracted two startup investors.

EDUCATION

Diploma IT Web Programming — *Nova Scotia Community College*

April 2021 / Honours / Halifax, Nova Scotia

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

January 2017 / Halifax, Nova Scotia