

Tyler Le

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Skills

Languages: JavaScript, TypeScript, C#, .NET, HTML, CSS

Technologies: React, Next.js, Node.js, Tailwind, React Native, Docker, Jira, RESTful API

Databases: MongoDB, PL/SQL

Others: Software Testing, CI/CD Pipelines, Algorithms, Data Structures, Software Design

Experience

Back-End Developer, Product Owner

Sunsab - Calgary AB | [drill-pilot.vercel.app](#)

May 2024 - Present

- Achieved 99.9% uptime by deploying DrillPilot with Ubuntu **Docker** Container and Vercel, leading a team of 5 to develop the wellbore trajectory graphing web app using **C#** and **NextJS**
- Reduced deployment time by 30% by implementing a **CI/CD** pipeline, enhancing the reliability of the production environment
- Improved performance by 20% and maintained 95% code quality through code reviews and refactoring
- Ensured 100% test coverage and reduced bugs by 15% by developing and executing software testing plans

Software Developer

Canadian Alliance for Intergenerational Living (CAIL) - Calgary AB

Jan 2024 - Apr 2024

- Led full-stack development with **React**, and **MongoDB**, managing a team of 4 to integrate front-end and back-end seamlessly
- Increased client satisfaction by 30% by aligning application design and architecture with client requirements
- Boosted user interface and data management efficiency by 25% through agile practices and scalable deployment
- Reduced bugs by 20% by conducting rigorous testing to ensure system robustness

Projects

Nexus, E-Commerce Website

[nexus-e-commerce.vercel.app](#)

- Developed a versatile e-commerce web app as a solo developer, aiming to deliver a unique shopping experience
- Managed the full development lifecycle using **Next.js**, **TypeScript**, **MongoDB**, and **Tailwind CSS**
- Conducted code reviews and performance tests to ensure 95% code quality

BiteTracke, Calorie Tracking App

[github.com/TylerTLe/BiteTracker](#)

- Created a cross-platform calorie tracking app using **React Native** for a health-related project
- Successfully completed the project two weeks before the deadline, showcasing it as proof of concept for accurate nutritional information
- Conducted extensive testing and optimization, ensuring app reliability with a 90% reduction in bugs

Education

Southern Alberta Institute of Southern Technology (SAIT)

Calgary, AB

Diploma, Software Development GPA: 3.8

Apr 2024