

Tyler Le

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Education

Southern Alberta Institute of Southern Technology (SAIT)

Calgary, AB

Diploma, Software Development GPA: 3.8

Sept 2022 - Apr 2024

Skills

Languages: JavaScript, TypeScript, Python, 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

Product Owner | Back-End Developer

Sunsab - Calgary AB | drill-pilot.vercel.app

May 2024 - Present

- Led a team of 5 to develop DrillPilot, a wellbore trajectory graphing web app using C# for the backend and React for the frontend, utilizing ASP.NET Core Web API with Swagger.
- Deployed the project using Ubuntu Docker Container and Vercel.
- Implemented a CI/CD pipeline for production to ensure continuous integration and delivery.
- Collaborated with the engineering team to design and implement new features for the web application.
- Participated in design and architectural discussions, contributing to the enhancement of the application's performance and scalability.
- Conducted code reviews and contributed to maintaining high coding standards.
- Refactored and optimized existing code to improve performance and reliability.
- Developed and executed test plans to ensure the reliability and efficiency of the pipeline.
- Wrote test procedures and conducted unit, integration, and performance tests.
- Actively paired with team members during task implementation.
- Documented technical processes and created comprehensive reports on project progress.

Software Developer

Canadian Alliance for Intergenerational Living (CAIL) - Calgary AB

Jan 2024 - Apr 2024

- Created a task tracking web app for an intergenerational living program, aimed at closing the generational gap.
- Directed both front-end and back-end development using Next.js, React, and MongoDB.
- Participated in design and architectural discussions to ensure the application met client requirements.
- Enhanced user interface and data management efficiency, and implemented agile practices that prepared the app for scalable deployment.
- Conducted rigorous testing to ensure the robustness of the system.

Projects

Nexus, E-Commerce Website

nexus-e-commerce.vercel.app

- Developed a versatile e-commerce web app for a class project, aiming to deliver a unique shopping experience.
- Led a three-member team to create 'Nexus', ensuring a comprehensive and secure user experience.
- Managed the full development lifecycle using Next.js, TypeScript, MongoDB, and Tailwind CSS.
- Delivered a responsive and secure shopping experience that met all project requirements.
- Conducted code reviews and performance tests to ensure high standards.

BiteTracke, Calorie Tracking App

github.com/TylerTLe/BiteTracker

- Created a cross-platform calorie tracking app using React Native for a health-related project.
- Designed intuitive UI/UX and ensured cross-platform functionality.
- Successfully completed the project before the deadline, showcasing it as proof of concept for accurate nutritional information.
- Conducted extensive testing and optimization to ensure app reliability.