

Tyler Thai Le

Software Developer

Calgary, Alberta
Email: tylertle00@gmail.com
Portfolio: tylerle.vercel.app

Education

Software Development Diploma
Southern Alberta Institute of Technology (SAIT) | 3.75 GPA
2022 - 2024 (Present)

Relevant courses

- Object-Oriented Programming 3
 - Web Development 2
 - Database Programming
 - Mobile Application Development
 - Software Projects: Analysis, Design, and Management
 - User Experience and Design
 - Software Security
 - Operating Systems
 - Software Testing and Deployment
-

Skills

- React, Next.js, Node.js
- TypeScript, JavaScript
- HTML, CSS
- Oracle SQL, MySQL, MongoDB
- Bootstrap, Tailwind
- React Native
- Azure
- Git Bash
- C#, .NET
- Java
- Python
- Algorithms and Data Structures

Projects

GenTrack | Task Tracking Web App for Intergenerational living program (In Progress)

- **Assuming a dual role as lead developer and project manager** for GenTrack, guiding the development of a task tracking app designed to ensure students meet their social engagement commitments in a retirement living program
- **Directing front and back-end development**, leveraging Next.js and react for user-friendly interface, MongoDB for efficient data storage and management
- **Fostering team cohesion and productivity**, by coordinating tasks, clarifying roles, and offering technical assistance, ensuring smooth project progression and adherence to deadlines
- **Implementing agile development practices** to adapt to evolving project requirements and feedback, maintaining high standards of code quality and functionality.
- **Preparing for future deployment**, focusing on scalable features and robust performance to support a wide user base and diverse tasks.

Nexus | ECommerce Website

- **Led and managed a team of three as a school project in developing 'Nexus'**, a versatile e-commerce web app facilitating global product sales, successfully deployed on Vercel.
- **Directing front and back-end development**, Utilized Next.js for front-end development, TypeScript for code reliability, and Tailwind CSS for responsive design as well as MongoDB for effective data management and OAuth for secure user authentication.

BiteTracker | Calorie Tracking App

- **Led a team of four as a school project in developing 'BiteTracker'**, a user-friendly mobile calorie tracking app using React Native, ensuring cross-platform compatibility.
- **Designed an intuitive UI/UX with React Native**, integrating features like barcode scanning, meal suggestions, and real-time nutritional analysis.

AirBnb Clone

- **Built a feature-rich AirBnb clone**, using Next.js, React, and Tailwind CSS, ensuring responsive design and immersive user experience.
- **Managed Prisma/MongoDB for seamless property handling**, implementing client form validation and error handling for smooth user interaction.

Work Experience

Floor Installer

Hardwood | 2018 - 2022

- Utilized problem-solving skills to troubleshoot and rectify any defects or imperfections
- Applied mathematical principles to measure and cut flooring materials accurately