

Tyler Thai Le

Software Developer

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

Projects

Nexus | ECommerce Website

- Led and managed a team of three in developing 'Nexus', a versatile e-commerce web app facilitating global product sales, successfully deployed on Vercel.
- Spearheaded the project, overseeing timelines and ensuring efficient team collaboration.
- Utilized Next.js for front-end development, TypeScript for code reliability, and Tailwind CSS for responsive design.
- Implemented MongoDB for effective data management and OAuth for secure user authentication.

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.
- Integrated cutting-edge tech for dynamic image uploads, advanced property search, and secure authentication (NextAuth)

BiteTracker | Calorie Tracking App

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

Flow Fields

- Developed a visualization project using vanilla JavaScript, HTML5 Canvas, and CSS to demonstrate the creation of flow fields.
- Explored computer graphics techniques to simulate fluid motion and generate captivating visual effects
- Implemented a grid of vectors representing flow direction and magnitude, enabling the creation of effects like wind, water, and particle systems.

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

