

STEVEN LAI

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EDUCATION

British Columbia Institute of Technology (BCIT) – Vancouver, BC Graduated 2024

Diploma in Computer Systems Technology – Database Options (with Distinction)

Focus: *Database Systems, Data Structures and Algorithms, Object-Oriented Programming, Internet Service Architecture*

Simon Fraser University (SFU) – Burnaby, BC Graduated 2021

Bachelor of Arts in Psychology

TECHNICAL SKILLS

Languages: HTML5, CSS3, JavaScript (ES6+), TypeScript, Python 3.x, SQL(Advanced), Java 11+, Kotlin, R

Frameworks: React, Next.js, Express.js, Node.js, Tailwind CSS, Bootstrap, EJS, jQuery

Databases: MySQL, PostgreSQL, MongoDB, MariaDB, AWS-hosted SQL

Tools & Platforms: Git, VS Code, npm, Chrome DevTools, Power BI, MySQL Workbench, Figma, Jira

Concepts: Responsive Design, RESTful APIs, Agile Development, Version Control, Microservices, Android

EXPERIENCE

Full-Stack Developer (Practicum), PrevueHR – Vancouver, BC September 2024 – December 2024

- Built AI-powered chatbot that streamlined candidate evaluations with 100% on-time delivery using Java
- Integrated multiple APIs and automated data processing pipelines for enhanced system efficiency
- Collaborated in Agile sprints delivering robust solutions with comprehensive code reviews and documentation

Front-End Developer (Practicum), One Iota Golf – Burnaby, BC May 2024

- Developed dynamic calendar component for habit tracking application using JavaScript and Tailwind CSS
- Implemented responsive calendar interface with interactive date selection and real-time data updates
- Built calendar functionality using EJS templating with cross-browser compatibility and mobile optimization

Shipping & Receiving Coordinator, Eco-Packaging Inc. – Delta, BC August 2021 – December 2022

- Reduced delivery errors by 15% through systematic process improvements and quality control implementation
- Improved inventory accuracy by 10% by developing tracking procedures and implementing data validation
- Coordinated cross-functional teams managing logistics workflows and real-time communication with freight services

PROJECT

Full-Stack E-Commerce Web Application - Freelance Project

- Developed responsive e-commerce platform using Next.js 14, TypeScript, React, Tailwind CSS with Wix Headless CMS integration serving 100+ products with server-side rendering
- Built advanced product catalog system with real-time filtering, search functionality, pagination managing 12 products per page, and URL state management for enhanced user experience
- Implemented 15+ responsive UI components with mobile-first design, loading states, accessibility features, and cross-browser compatibility across 3 device breakpoints
- Created dynamic shopping cart with React Context API, persistent state management, and real-time inventory tracking using custom React hooks