

TECHNICAL SKILLS

Languages: Python, TypeScript, JavaScript, HTML, CSS, Swift, SQL, Java, C, C++, Ruby

Libraries/Frameworks: Next.js, Node.js, React, Flask, Tailwind CSS, Bootstrap CSS, Ruby on Rails

Tools/Other: VSCode, Xcode, GitHub, GitLab, Docker, Prisma, Render, PostgreSQL, SQLite

PERSONAL PROJECTS

Task Management Tool

Jan 2025 – Mar 2025

Web Application

- Developed a full-stack task management tool using Next.js, Node.js, PostgreSQL, and Tailwind CSS.
- Utilized React to build reusable application components and manage local state and side effects.
- Implemented secure authentication for data retrieval using RESTful APIs, HttpOnly cookies, and JWTs.

Tip Tracker

Nov 2024 - Present

iOS Application

- Built a SwiftUI-based iOS app to help users log and track work hours, tips, and earnings over time.
- Utilized the Charts framework to display user data in 12 chart views and 4 summary categories.
- Improved performance by offloading data processing to a background thread and caching results.

TECHNICAL PROJECTS

Library Database Application

Feb 2024 – Apr 2024

Database Systems I (CMPT 354)

- Designed and implemented a library system web application using Flask, Python, and SQLite.
- Modelled the domain using Entity-Relationship diagrams and converted into a relational SQL schema.
- Normalized all relations to ensure data consistency and eliminate update anomalies.
- Enforced data rules using SQL triggers and foreign key relationships to maintain referential integrity.

Web Application for Restaurant Recommendation

Sept 2023 - Dec 2023

Introduction to Software Engineering (CMPT 276)

- Developed a web app using Ruby on Rails to match users to restaurants based on dietary preferences.
- Worked alongside a team of 5 people, acting as group leader to ensure progress and give guidance.
- Adhered to the Model-View-Controller design pattern to ensure modularity and maintainability.
- Built features for account creation, user roles, restaurant indexing, and Mapbox API usage.
- Followed Agile methodologies by creating brief documentation, user stories, and sprint plans.
- Presented our application to an audience of over 50 people, achieving a 100% grade for our project.

WORK EXPERIENCE

Food & Beverage Server – Part-Time

Oct 2021 - Present

White Spot Marine & Byrne - Burnaby, B.C.

- Provide exceptional service to customers to ensure high guest satisfaction.
- Maintain a high level of accuracy and attention to detail to uphold quality standards.
- Manage multiple responsibilities consecutively in a fast-paced, collaborative environment.
- Commended for patience, promptness, and hospitality through guest-submitted online feedback.

EDUCATION

Simon Fraser University

Bachelor of Science, Major in Computing Science

Sept 2021 – Present

Expected: Dec 2026