

Ivan Provci

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PROFILE

I am a software developer in my 4th year of studies at KPU, leveraging technical expertise and creativity to design visually striking and user-centric websites. A proven effective communicator and collaborator within team environments. My curiosity and drive to learn new concepts applies not only to software development but to all aspects of life. A problem solver eager to contribute to the industry.

TECHNICAL SKILLS

FRONT-END: React, Tailwind, Bootstrap, HTML, CSS

LANGUAGES: JavaScript, Java, PHP, C++

OTHER: Bash, MySQL, Git, JUnit, Burp Suite

EDUCATION

Kwantlen Polytechnic University, Surrey, BC

Expected Apr. 2025

Bachelor of Technology: Information Technology

- KPU GPA: 3.96/4.33
- Dean's Honour Roll recipient for Summer 2022, Fall 2022, Summer 2023, Fall 2023, and Spring 2024 terms.
- Website and Cloud Security - Pen tested websites using Burp Suite for OWASP Top Ten Vulnerabilities. Covered topics in encryption, hashing and blockchain. Learned about AWS infrastructure and services (S3, EC2, KMS, IAM)
- Software Quality Assurance - Learned about test-driven development, various testing techniques, and quality control. Created a food ordering application in 4 days using Java and used JUnit to write test cases to ensure high performance, reliability, and a seamless user experience.
- Advanced Web App Development - Built a full-stack ecommerce web application with a RESTful backend written in PHP and MySQL to persist data.
- Object-Oriented Software Engineering - Learned how to identify project requirements and design models based on those requirements. Covered software architecture designs (MVC, Client-Server) and software design principles.

Langara College, Vancouver, BC

Dec. 2021

Associate of Science: Computer Science

- Database Systems - Designed normalized relational databases while considering data integrity and access control. Wrote SQL statements for data manipulation and querying.
- Unix Tools and Scripting - Wrote Bash scripts to automate tasks. Utilized Kali Linux tools to enforce data integrity, maintain system security, and perform vulnerability assessments.

PROJECTS

Obsidian – *Clothing Ecommerce Website*

- Collaborated with 2 team members to develop a clothing ecommerce website where users could shop online.
- Designed and implemented the UI for the landing page, catalog page, favourites page, and checkout page using CSS and Bootstrap. Components such as the item cards, favourite items, and shopping cart displayed data retrieved from the MySQL database.
- Utilized PHP for server-side scripting to implement a shopping cart and wishlist feature for authenticated users.
- Deployed the website using XAMPP's Apache and MySQL servers.

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PROJECTS CONTINUED

BC Health & Wellness – Medical Clinic System

- Coordinated with a team of 5 to create a full-stack web application that mimics a medical clinic system that manages patient accounts and their data.
- Implemented authentication and authorization for patient, staff and doctor accounts by creating a login system, hashing passwords, and customizing unique privileges for each user type.
- Led the front-end team of 3, delegating tasks, holding meetings to discuss project progression, and ensuring timely completion of milestones.
- Created REST API calls using JS to efficiently exchange data between the front-end and Spring Boot backend.

Pixl Sketch – Sketching Web App

- Designed and created a drawing/sketching web application with an elegant and intuitive user interface.
- Used JS to manipulate the DOM and created features such as: drawing, erasing, colour selection, and shading.
- Implemented algorithms to enable users to shade pixels and draw using a rainbow gradient.
- Managed version control using Git and deployed the project using GitHub Pages.

EMPLOYMENT

Sense Home Services, Skilled Trade Worker, Vancouver, BC

Apr. 2022 – Present

- Renovated apartment interiors within a two week deadline by installing new baseboards, flooring, painting, tiling and electrical.
- Communicated with property managers throughout the renovation process to ensure alignment with requirements.
- Demonstrated problem-solving skills by creatively addressing daily challenges inherent in the renovation process.

Imprint Plus, Punch Press Operator, Richmond, BC

Jun. 2020 – Dec. 2020

- Operated a machine that punches name tags into sheets of metal, producing more than 6,000 nametags daily.
- Covered a two person job to produce material that an entire department depended on.
- Trained multiple temporary workers and delegated tasks to minimize their downtime.
- Quickly adapted to a new working environment when a different department needed extra help.

The Source, Sales Associate, Richmond, BC

Jun. 2019 – Dec. 2019

- Met weekly targets for sales, warranty sales, email captures, and other targets by cross-selling every customer.
- Communicated with other Source locations to ensure inventory was even across all stores, and shipped/received items accordingly.
- Utilized the POS to manage inventory, send and receive shipments, and process transactions.
- Followed store closing procedures for cash deposits, POS updating, and general cleanup.