

EDUCATION

University of the Fraser Valley

Bachelor of Computer Information Systems

Abbotsford, British Columbia

Expected Graduation May 2025

- **Concentrations Software:** *Development, Artificial Intelligence*
- **Related Coursework:** Computing in python, Object-oriented programming, Discrete mathematics and Robotics

EXPERIENCE

ObjectBright Inc.

Backend-Developer, co-op

Richmond, BC

May 2024 - August 2024

- Used PHP, Laravel to develop scalable server-side applications, integrated databases, and ensured the reliability of APIs supporting high-traffic client-facing systems.
- Generated python scripts to extract, filter and manipulate data from different files export them to the oracle database and make git-ignore files accordingly.
- Built server-side logic using **PHP, Laravel, Python, or Java**, ensuring efficiency and scalability.
- Optimized database queries in **PostgreSQL and MongoDB and Oracle**, reducing response times and accuracy by 78.32%.
- Improved code quality and system reliability by implementing CI/CD pipelines using Jenkins.

Whole Human Foundation

WordPress-developer, intern

Vancouver, BC

May2023-August 2023

- Developed and maintained responsive WordPress websites for clients across various industries, ensuring optimal performance and user experience.
- Customized themes and templates using **HTML, CSS, JavaScript, and PHP**, aligning with client branding and design specifications.
- Created and integrated custom plugins to extend website functionality, including advanced forms, membership systems, and e-commerce solutions.
- Optimized website speed and performance, achieving load times under 3 seconds by compressing images, leveraging caching tools, and refining server configurations.
- Collaborated with UI/UX designers and project managers to deliver mobile-friendly and SEO-optimized websites, increasing organic traffic by 65%.
- Implemented secure payment gateways and WooCommerce functionality for e-commerce clients, facilitating transactions of up to \$50K/month.

ACHIVEMENTS AND ACTIVITIES

Dean's List

- Academic outstanding with an overall CGPA of 3.90
- Academic outstanding with an overall CGPA of 3.78

UFV Winter-2022

UFV Fall-2024

Robotics Team

UFV FALL-2023

- Lead a team comprising of 28+members with an expertise in **microcontroller programming** using Arduino and Raspberry Pi platforms.
- Designed mechanical components using **CAD software** (e.g., SolidWorks, Fusion 360) and fabricated prototypes with 3D printers and CNC machines.
- Applied principles of **electronics** to create sensor systems for obstacle detection and navigation.
- Programmed robots in **C++, Python**, and integrated libraries for efficient performance.

SKILLS

Programming/Markup: HTML, CSS, JavaScript, React, Node.js, Python, C++, Haskell, Prologue, SQL.

Technical/Programmatic: Data Structures and Algorithms, Machine Learning, Microsoft Excel.

Languages: Punjabi, English, French, Swahili

Interests: Soccer, Video Games, Doodling, Body-building.