

Jagman Sidhu

778-549-0255 | jagmansidhu1@gmail.com | [linkedin.com/in/jagman](https://www.linkedin.com/in/jagman) | github.com/jagmansidhu

EDUCATION

University of British Columbia

Vancouver, BC

Bachelor of Arts in Computer Science

Relevant Coursework : Discrete Mathematics, Software Construction

University of Fraser Valley

Abbotsford, BC

Bachelor of Business Admin

EXPERIENCE

Information Technology Support Specialist

Jan 2023 – Jun 2023

SSL Computers

Calgary, AB

- Assess and troubleshoot computer problems brought by customers
- Maintain upkeep of computers, and printers across clients remotely and on-site
- Communicate with managers to assign and work on tickets
- Resolved 15 tickets per day

Payroll Manager

Apr 2020 – Sep 2022

FarmTrux Logistics

Abbotsford, BC

- Explored methods to generate video game dungeons based off of *The Legend of Zelda*
- Developed a game in Java to test the generated dungeons
- Contributed 50K+ lines of code to an established codebase via Git
- Conducted a human subject study to determine which video game dungeon generation technique is enjoyable
- Wrote an 8-page paper and gave multiple presentations on-campus
- Presented virtually to the World Conference on Computational Intelligence

PROJECTS

Budgeting Web | *Java, Spring Boot, React, PostgreSQL, Docker*

Dec 2024 – Feb 2025

- Developed a full-stack web application using with Spring Boot serving a REST API with React as the frontend
- Deployed to AWS using Elastic Beanstalk and EC2
- Built a secure user authentication system, enabling login functionality
- Containerized the application using Docker for simplified deployment and scalability

Simple Paintball | *Spigot API, Java, Maven, TravisCI, Git*

May 2018 – May 2020

- Developed a Minecraft server plugin to entertain kids during free time for a previous job
- Published plugin to websites gaining 2K+ downloads and an average 4.5/5-star review
- Implemented continuous delivery using TravisCI to build the plugin upon new a release
- Collaborated with Minecraft server administrators to suggest features and get feedback about the plugin

TECHNICAL SKILLS

Languages: Java, Python, SQL (Postgres), JavaScript, HTML/CSS, R

Frameworks: Spring Boot, React, Node.js, Flask, WordPress

Developer Tools: Git, Docker, Amazon Web Services, VS Code, Visual Studio, PyCharm, IntelliJ, Eclipse