

# BERKAY SEFAYI

(604) 404-8348 | [berkay.sefayi@student.kpu.ca](mailto:berkay.sefayi@student.kpu.ca) | [Linkedln](#)

## EDUCATION

### Kwantlen Polytechnic University

Bachelor of Technology in Information Technology | Co-op Option

Surrey, BC

Expected Aug 2026

Relevant Courses: Program Structure and Design II, Data Structure, Database Management, Object-Oriented Programming, Networking Technologies, Systems Principles and Applications, Web Application Development, Object-Oriented Software Engineering, Advanced Web Application Development, System Development Project

## EXPERIENCE

### Software Developer Intern

Cosmos IT Canada

Vancouver, BC

September 2025 – Current

- Participated in weekly Agile sprints, collaborating with team members to prioritize tasks, track progress, and deliver iterative improvements using Git/GitHub.
- Explored and implemented AI/ML tools (ComfyUI, Hugging Face, n8n, Make) for workflow automation and iterative prompt engineering.
- Developed and maintained Laravel/PHP projects, including database setup, API routes, product/category views, and branch management, following MVC principles and coding best practices.
- Performed hands-on testing of AI workflows, refining outputs for automated email responses and task processes.
- Assisted team members with research and implementation of trending AI models to improve productivity.

### Software Engineer (Full-Stack Developer)

Surfalytics

Vancouver, BC

Dec 2024 – Current

- Designed and implemented a full-stack Supabase powered web application with Stripe integration to automate user subscription management and account creation workflows.
- Built a Node.js / Deno-based backend with secure API endpoints for Stripe billing, customer portal sessions, and Supabase user provisioning, ensuring seamless signup and authentication flows.
- Developed a Python microservice and Discord bot hosted on AWS EC2 to replace unreliable Zapier automations, enabling 24/7 membership synchronization and OAuth based Discord onboarding.
- Integrated Notion, Discord, and Stripe APIs into a unified automation pipeline that eliminated manual invite handling and improved operational reliability by 100%.
- Architected the project end-to-end as a sole developer, overseeing API design, database structure, deployment, and testing to deliver a scalable automation system tailored to business needs.

## TECHNICAL PROJECTS

### AnySpotsLeft | Java, Spring Boot, PostgreSQL, Spring Security, Stripe, Thymeleaf, Docker

- Developed a full-stack Spring Boot application of 35+ classes using a layered architecture (controller, service, repository) with role-based authentication (USER, HOST, ADMIN) via Spring Security.
- Implemented core marketplace features including listing creation, parking spot verification (admin), user discovery and favorites, profile image uploads, and a lottery service for winner selection.
- Integrated Stripe for payment automation with backend checkout session and webhook processing for user enrollment; configured Dockerized PostgreSQL and environment-based application settings.
- Enhanced application reliability with DTO validation, authorization and CSRF protections, optimized JPA queries, and documented deployment steps for reproducible development environments.

### Stock Trading Management | Java, Spring Boot, AWS RDS & Aurora, H2, PostgreSQL, Git, XApi, OpenAI API

- Built a Spring based full-stack web-application solution, utilizing an N-tier architecture with controller, service, repository, and model layers.
- Provisioned a MySQL based database, with a H2 in-memory server during development, and transitioned to a PostgreSQL database with AWS RDS & Aurora for deployment.
- Built role-based access control with Spring Security and utilized custom configuration files together with env to enhance security.
- Integrated real-time market consensus into the dashboard by fetching JSON data from third-party APIs via HTTP requests, then cleaning and processing it.

### Discord Automation Bot | Python, Discord.py, Stripe SDK, Notion-Client, Docker, EC2

- Built a continuously operational Discord bot integrated with Stripe, Discord, and Notion APIs for subscription management.
- Implemented scheduled automated tasks using microservices for subscriber activity updates.
- Debugged and optimized API integrations to ensure efficient workflow management and reduced error rates.

## SKILLS

**Languages:** Java | Python | SQL | HTML | CSS | PHP

**Frameworks:** Spring Boot, Laravel, Node.js

**Tools:** Git | PyCharm | IntelliJ | Eclipse | Visual Studio | Docker | AWS | DBEaver | PostgreSQL | MySQL