

STEVEN PITALINAM ATCHALL

SOFTWARE ENGINEER — CO-OP

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SUMMARY OF QUALIFICATIONS

Software Engineering Co-op student at the University of Ottawa, building full-stack applications end-to-end across backend (C#, ASP.NET Core, PostgreSQL), frontend (React, TypeScript), and infrastructure (Linux, Ansible, Nginx, Azure). Ships side projects independently and in teams, from schema design through deployment. Fluent in French and English.

TECHNICAL SKILLS

Languages: C#, JavaScript, TypeScript, Python, SQL, HTML, CSS, Java

Frameworks & Libraries: ASP.NET Core, .NET, React, Node.js, Bootstrap

Databases & Cloud: PostgreSQL, pgAdmin, Azure

Systems & DevOps: Linux, Bash, PowerShell, Ansible, Active Directory, Virtual Machines, Nginx, Apache

Tools & Concepts: Git, Visual Studio, Figma, OOP, REST APIs, Data Structures, Database Design, Network Architecture, LAN

EDUCATION

Bachelor of Applied Science (BASc), Software Engineering, Co-op — *University of Ottawa, Ottawa, ON* **Sep 2025 – Present**

– Expected graduation: June 2030

DEC, Computer Science — *Cégep de Lévis, Lévis, QC*

Sep 2023 – May 2025

PROJECTS

Restaurant Ordering Platform — *3-service backend* — C#, ASP.NET Core, SQL Server, JavaScript

- Architected a 3-service backend (restaurant, users, recipes) in C#/ASP.NET Core, exposing 10 REST endpoints across independently deployable services
- Modeled a relational schema spanning 10 tables and implemented authentication with PBKDF2 password hashing plus email-based 2FA verification codes
- Developed an 8-page responsive frontend in HTML/CSS/JavaScript, integrated with the backend APIs

Signs — *In progress, 2-person team* — React Native, TypeScript

- Building a cross-platform mobile app in React Native/TypeScript with 6 screens across authentication, a visual sign-language dictionary, and lesson flows, using Zustand for state management and React Navigation for routing
- Contributed 6 of 12 commits (50%) alongside one teammate

Cruxix — *5-person team project* — HTML, CSS, JavaScript

- Contributed 74 of 132 commits (56%) in a 5-person team, building a 5-page concept site for an autonomous, steering-wheel-free vehicle
- Implemented interactive UI components and page transitions across 9 modular CSS files and 5 JavaScript scripts

Twix — *E-commerce web app* — HTML, CSS, JavaScript, Bootstrap 5.3

- Designed a 5-page fashion e-commerce storefront cataloging 22 products, with a JavaScript-driven cart applying dynamic discount logic via sessionStorage
- Built product configuration forms (size, color, quantity) with vanilla JavaScript DOM manipulation, integrated with Bootstrap 5.3 for responsive layout

WORK EXPERIENCE

Supervisor — *Tim Hortons*

Sep 2023 – Jun 2025

- Coordinated a team in a fast-paced, high-throughput environment, delegating tasks to keep operations running smoothly under time pressure
- Mentored 8 new employees through onboarding and training on procedures and standards
- Diagnosed operational bottlenecks in real time and implemented quick process fixes to resolve them
- Owned cash handling, store security, and closing procedures while ensuring compliance with safety policies

Merchandiser — *The Brick*

Sep 2025 – Present

- Maintain product, pricing, and display accuracy across the sales floor through consistent quality checks
- Coordinate with sales, warehouse, and management teams to keep inventory and merchandising data up to date