

Professional Summary:

Software engineer with ten years of professional work experience across PHP, Go, and C#, from large legacy enterprise systems to scrappy startup fleet robotics. Proven team leader who works equally well with or without one, with a consistent focus on building good processes for both developers and business. Eager to keep learning and growing.

Prior Work Experience:

- **May 2024 - August 2026:** Senior software engineer, CMI Financial Group (Toronto, ON)
PHP, jQuery, MySQL, BitBucket, AWS, Opencode
 - Maintained and developed features for Back Office System in a large legacy codebase built with CakePHP framework
 - Led initiatives to automate and bring scattered workflows under the Back Office System.
 - Performed critical data maintenance tasks, identifying incorrect flows and correcting errors introduced.
 - Improved pipeline performance by streamlining unit tests, both in run structure as well as increasing test efficiency.
 - Leveraged AI tools for software development through developing agent models for an Opencode harness using models provided through Copilot.
- **August 2022 - May 2024:** Senior software engineer, Tiny Mile (Toronto, ON)
Golang, Typescript, Bash, PostgreSQL, GCP, Kubernetes
 - Designed, built, and deployed an automatic over-the-air software updating system for fleet of delivery robots
 - Built and maintained web application enabling creation and fulfillment of peer-to-peer deliveries via our delivery robots
 - Took over responsibility for internal operational tooling, working with stakeholders to prioritize maintenance and features
 - Identified and implemented data caching opportunities, reducing cloud service costs by 89%
 - Led software team at Tiny Mile, tasked with augmenting operational capabilities with improved automations
 - Managed two direct reports, including providing coaching and mentorship.
- **August 2019 - May 2022:** Software engineer, Bolt (Toronto, ON)
Golang, Typescript, PostgreSQL, PHP
 - Developed and maintained the Bolt plugin for the Magento platform
 - Led the initiative to improve testing of PHP plugin, bringing unit test coverage from 20% to 90%
 - Implemented support for revamped APIs
 - Worked with merchants to build specialized customizations, then ported those customizations over to the main build for reuse by future merchants
 - Reworked merchant admin tools to provide better support for self-onboarding.

- Worked on merchant onboarding automation, taking merchants live on certain platforms in just three minutes, down from about fifty days.
- **August 2016 - July 2019:** Software engineer, Laserfiche (Toronto, ON)
C#, .NET
 - Led a team of six to develop integration tools with third-party applications, allowing our users to manipulate data on those applications from within Laserfiche without needing to write any code.
 - Developed analytical tools for users to analyse the processes they've automated with our software.
 - Worked independently to research, design, and develop a business process simulation tool.

Projects:

- Built CI/CD pipeline for Unity WebGL builds to be deployed onto a DigitalOcean CDN
- Run and maintain home server with Proxmox serving web utilities for friends and family.

Education:

- 2011-2016: McGill University, Bachelor of Engineering - Software

Skills:

- Technical
 - Programming: C#, Java, Go, PHP, Python, SQL, HTML/CSS, JS, TypeScript
 - Tooling: Terraform, CircleCI, Git, Pulumi, Kubernetes, Bitbucket
 - Cloud: GCP, AWS
 - Databases: Microsoft SQL Server, Postgres
- Soft
 - Leading teams: Organizing, goal and schedule-setting, facilitating communication
 - Scrum: managing and running sprints, leading engaging retrospectives
 - Communication: verbal and written business communication in English and French

Misc:

- Citizenship: Canadian, British, BOTC (Bermudian status)