

Experience

Software Engineer **KeepTruckin** **Nov 2020 - Present**

Building IoT infrastructure and Developer Productivity Tooling

- Unified AWS Lambda deployment pipeline with rest of KT infrastructure using custom K8s controller, vastly improving developer productivity
- Mentored and onboarded new hires on the IoT team; allowing them to hit the ground running and contribute immediately!
- Significantly reduced IoT toil and embedded developer workflow and tooling, resulting in much faster release cycles

Golang, Ruby/Rails, Kubernetes, AWS, Bazel, Nix

Software Engineer **Infoblox** **Jul 2019 - Oct 2020**

Building and maintaining Go services powering Bloxone DDI services.

- Reduced developer time spent by 75% by replacing custom health checking application with several manual steps with Prometheus using Kubernetes service discovery.
- Outlined and implemented best logging/tracing practices for the team leading to improved bug resolution times.
- Lead initiative to implement distributed tracing significantly improving observability when dealing with complex multi-service bugs

Golang, Docker, Kubernetes, AWS

Software Engineer **Ravelin** **Sep 2017 - Aug 2018**

Full stack engineer primarily developing and maintaining customer facing dashboard built with Angular and powered by Go micro-services

- Added end-to-end tests using Cypress to Angular dashboard to catch regressions during critical user paths
- Upgraded various parts of CI pipeline to ultimately reduce build times by 50%
- Improved/implemented many new features of graph visualizations, including closest neighbors highlighting and various filters
- Built a critical chrome extension used daily by the sales team for prospecting

Angular, TypeScript, Golang, Circle CI, Docker, D3, React, Cypress, AWS

Education

Vancouver, BC **University of British Columbia** **Sep 2013 - May 2019**

- Bachelor of Applied Science in Mechanical Engineering GPA:3.6/4.3

Open Source Contributions

- **NuShell** ([Source](#)) *Rust*

Cross-platform shell that understands the structure of your data!

- Implemented streaming functionality when opening files with proper encoding support. Making it possible to stream very large files.
- Added additional math functions while refactoring math command and improving test coverage.