

Stephen Guo

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🌐 [Website](#)

🐙 [GitHub](#)

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EDUCATION

University of Toronto

Toronto, ON

HBSc. in Computer Science Specialist

Sept 2019 - April 2024

cGPA: 3.57 / 4.0

EXPERIENCE

BlueCat Networks

Toronto, ON

Software Engineer Co-op

May 2021 - April 2022

- Deployed and configured **Kubernetes** clusters using **Helm** and **GitLab CI**, resulting in automated and safe deployments to production
- Created and demoed a **Python** query microservice using **SQL**, **Docker**, and **Apache Airflow**, producing daily reports from dozens of terabytes of data within 5 minutes
- Contributed to an open source Helm package, resulting in 7 merged pull requests for critical features
- Configured **AWS** roles and deployments using **Terraform** and **Terragrunt**
- Documented a full step-by-step guide for **Prometheus** Alertmanager on Confluence

PROJECTS

Alkitab

🐙 [GitHub](#) 📺 [Demo](#)

- Developed an e-book sharing platform with a partner using **Svelte**, **Bootstrap**, **TypeScript**, **MongoDB**, **Express.js**, and sockets
- Deployed to the Linode cloud service using **Docker**, **Kubernetes**, **Helm**, and **Pulumi**, along with **NGINX** Ingress Controller for HTTPs

Rust Recipe Gallery

🐙 [GitHub](#)

- Created a full stack recipe sharing application fully in **Rust**, with **PostgreSQL**, **Tailwind CSS**, and server side rendering
- Fully end-to-end tested using **Playwright**

ShopLazy

🐙 [GitHub](#) 📺 [Demo](#)

- Collaborated with a team of four to create a cross-platform grocery delivery and pick-up application during the Hack the North 2021 hackathon with **Flutter**, **Dart**, and **Firestore**

TECHNICAL SKILLS

Languages: JavaScript/TypeScript, Python, Java, Rust, C, Bash/Shell, SQL

Libraries/Frameworks: React, Next.js, Flutter, Svelte, Bootstrap, Tailwind CSS

Other: Kubernetes, Helm, Terraform, Pulumi, AWS, GitLab CI, Docker, Unix/Linux, Git, Vim