

Development Experience

- 💻 **Back End** • Python, Go, Node.js, PHP, Ruby, C++, Java
 - 🗄 **Databases** • RDS, Aurora, CloudSQL, MySQL, DynamoDB, Redis, Beanstalkd
 - ⚙ **DevOps Tools** • Make, Bash, Git, Jenkins, Gitlab CI, NGINX, Apache, Chef, Serverless Framework
• Docker, Kubernetes, Terraform, Helm, Istio, Prometheus, Thanos, Grafana, AlertManager
 - 🏠 **Environments** • AWS: EC2, ECS, CloudFormation, Route53, S3, Lambda, CloudWatch, Lambda, etc.
• GCP: GKE, KMS, Cloud Storage, StackDriver, Compute Engine, Pub-Sub, etc.
• GNU/Linux (Ubuntu, Alpine, CentOS), Windows, MacOS
 - 📖 **Fundamentals** • Microservices, Serverless Applications, Mob & Pair Programming, Agile Development, CI/CD
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Work Experience

DevOps Engineer at *Tulip Retail*

January 2019 to April 2020

While on the Operations Team at Tulip I spearheaded multiple initiatives, including: Designed an SFTP Automation Framework leveraging AWS, built CI/CD frameworks for internal projects that automatically tests & deploys new changes, participated in a monthly on-call rotation to triage & fix tickets that affected critical services, and set up a monitoring solution on GCP to monitor all of our services through the use of Prometheus, Thanos, Alertmanager, and Grafana. Created new metrics exporters and dashboards to receive more information around Tulip's systems and configured alerts based upon them.

Conference Speaker at *AWS Summit Toronto 2019*

October 2019

As a conference speaker in the Start-up Booth at AWS Summit Toronto 2019 I presented my SFTP Automation design that solves the problem of manual easing work on existing SFTP Virtual Machine instances. It achieves this through leveraging many tools such as Transfer for AWS, Lambdas, DynamoDB, and SQS functionality (Designs and architecture are available on my Github as open source)

DevOps Engineer (Co-op) at *Tulip Retail*

August 2017 to September 2018

IT Security Analyst at *Fundserv Inc.*

January 2018 to April 2018

Previous Co-ops at *TD Canada Trust, Royal & Sun Alliance, and Canadian Tire Corporation* January 2015 to August 2016

Education

University of Waterloo

Graduated in 2018

Bachelor of Computer Science, Software Engineering (Co-op)