# Daniel Wierdsma

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## Development Experience

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| 🖥 **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 | |

## Work Experience

**DevOps Engineer at *Tulip Retail*** — January 2019 to Present

- Designed and built an SFTP Automation Framework leverging AWS services to remove manual configuration
- Participated in monthly on-call rotation to traige & fix tickets that affect critical services
- Built CI/CD frameworks for internal projects that automatically tests and deploys new changes
- Setup monitoring solution of GCP services through use of Prometheus, Thanos, Grafana, and Alertmanager
- Developed new metric exporters & dashboards to receive more granular information around Tulip's internal systems, and configu
- Participated in War Room level events to aid in quickly solving high priority outages.
- Created CI/CD framework for current and all future serverless applications through use of GitlabCI.
- Assisted with migration of customers to GCP while quickly debugging issues in brand new infrastructure.
- Reviewed candidates and conducted interviews for the hiring of potential team members.

**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)