



Abhishek Kaul

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Experience

DevOps Developer Intern, Imagine Communications. Waterloo, ON

2019

Researched efficient alternatives and built tools to support field engineers.

May – Aug

- Powershell script and Pester tests for exporting key machine info
 - Ex. clock speed, registry key values, RAM, etc.
- Management of Ansible playbooks, roles, etc. for Ansible migration of internal tool
- Deployed Consul on Linux VMs + modified vagrant boxes via Packer for Rundeck

DevOps Engineering Intern, Tulip. Kitchener, ON

2018

Maintained internal tools and helped transition from AWS to GCP.

Sept - Dec

- Wrote script to monitor Saks VPN tunnel and cycle it if it's down
- Wrote a DevOps Slack bot using GET/POST and webhooks for simple Q&A
- Tested, upgraded, and updated Chef recipes:
 - Upgraded php7, modified nginx, added Aurora Serverless support with AWS
- Built a two-way VPN tunnel from GCP to AWS for usage in transition

IT Specialist Intern, Tulip. Toronto, ON

2018

Supported IT team with maintenance and security

Jan – Apr

- Wrote Bash script to autogenerate public SSH key on user login
- MatterMost setup, documentation, and transition help for the whole company
- Automated inventory management with Cheqroom

Projects

Music Ratings

2018

Scraped top music rating sites for album ratings to generate an combined score.

- MechanicalSoup to simulate browser and parse pages
 - Parallelization for simultaneous scraping of multiple sites in the works

Project Euler

2016 - now

Problems solved by a combination of maths and programming logic.

- Eg. "find the sum of the first 100 prime numbers"

Learning Python

2018

Small projects I took on to learn Python in a meaningful way

- 2P Tic-Tac-Toe, Latin-PigLatin translator, simple guessing game

Education

**Candidate for Bachelor's of Applied Science,
Computer Engineering, *University of Waterloo***

2016 - 2022