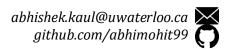
Abhishek Kaul



2018

2018

Jan – Apr

Sept - Dec

Experience

DevOps Developer Intern, Tulip. Kitchener, ON Researched efficient alternatives and built tools to support field engineers. - 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

Maintained internal tools and helped transition from AWS to GCP.

- 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

Supported IT team with maintenance and security

- -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 Chegroom

Projects

Music Ratings ()

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 (7)

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

2016 - now