

Omar Elbanby

DevOps Engineer



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Education

Software Development and Networking Engineering

Sheridan College, Oakville, CA
Sept. 2016 - Dec 2019

Skills

Languages

- ◆ JS
- ◆ GoLang
- ◆ Bash
- ◆ Java
- ◆ SQL

Tools and Frameworks

- ◆ kubernetes
- ◆ Docker
- ◆ Terraform
- ◆ Vault
- ◆ Jenkins
- ◆ Artifactory
- ◆ ELK
- ◆ AWS
- ◆ GCP
- ◆ Nginx

Achievements

Google's Developer Student Clubs
Tech executive - Sheridan College

"A look into git" Workshop
Led a 3-hour workshop - Sheridan College

Academic Excellence Scholarship
Won a Scholarship by Guard.Me

Gift The Code | 2nd Place
Toronto Cat Rescue, Oakville CA

HackWestern5 | 4th Place
PeerPal, London CA

EngHacks 2019 | Participant
Sundae, Toronto CA

Experience

Sonnet Insurance Company - DevOps Engineer | Toronto

07/2020 to ongoing

- Improved production recovery by 65%
- Developed Terraform to manage k8s clusters and provision AWS infrastructure
- Built high availability Jenkins, with ephemeral build nodes
- Developed Nodejs CLI to automate configuration retrofitting
- Developed custom job scheduler for Jenkins
- Developed Ansible playbooks to automate docker lifecycle management

VeganHive - DevOps Engineer | Toronto

5/2019 to ongoing

- Architected and managed Kubernetes clusters and overall infrastructure
- Automating infrastructure provisioning using Terraform on GCP
- Developed modular terraform and state isolation for code reusability
- Implemented clusters monitoring and alerting using Prometheus
- Developed go application for aggregating c-advisor metrics
- Developed Nodejs application for custom health-check alerting
- Build and operate CI/CD pipelines using Tekton and Jenkins
- Operating highly stateful applications (Neo4j, Redis, Kafka & Zookeeper) on Kubernetes
- Automated SSL certificates issuing and renewals
- Introduced Chaos Engineering principles and Infrastructure testing

Manulife - Platform Engineer | Kitchener

1/2020 to 7/2020

- Administrated SonarQube, Artifactory, and Blackduck for the entire organization
- Developed NodeJs and MongoDB applications to calculate groups DevOps maturity
- Developed NodeJs scripts to automate LDAP sync with Grafana
- Lead migration for teams to our custom Groovy Jenkins pipelines offering

Manulife - DevOps Engineer | Kitchener

5/2019 to 8/2019

- Developed GoLang CLI that automate our Jenkins offering configurations
- Built Business Intelligence tools to calculate turnaround time for Jira tickets per team
- Wrote Chef recipes to configure teams' development environment

Great-West Life - FrontEnd developer | Toronto

9/2018 to 12/2018

- Increased automation testing by 92% via developing CLI tools using NodeJS
- Maintained and improved over 27 websites; 5 enterprises, 21 microsites
- Refactored web architecture of Freedom55Financial.com leveraging VueJS
- Automated apache redirect rules configuration, which speeds up the process by 90%

Great-West Life - Security Coordinator | Toronto

1/2018 to 5/2018

- Administrated RedHat IDM groups and permissions throughout the company
- Managed Atlassian (Jira/Confluence) across our technology team
- Provided Technical support to 7 teams (DevOps, FrontEnd, etc..) and over 400 users

Projects

Meraki Commodity | Toronto , CA

9/2019 to 1/2020

- Led and engineered a digital transformation through a centralized web application
- Developed utilizing NodeJS, MongoDB, Docker and AWS

Mage Royale | Oakville, CA

6/2019 to 1/2020

- Backend developer for an experimental massively multiplayer browser-io game
- Developed utilizing NodeJs, Websockets and MongoDB