

Lucas Sproule

Senior DevOps Engineer

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An experienced DevOps Engineer with a diverse set of skills, capable of designing and implementing optimal solutions, always with security in mind.

AREAS OF EXPERTISE

Python	Networking/Security	Gitlab CI
Node.js	Istio	CircleCi
Bash scripting	Prometheus	Maven
Golang	App Mesh	Gradle
Docker	Grafana	Artifactory
Helm	Terraform	AWS
Kompose	Cloud Formation	GCP
Kubernetes	Spinnaker	NoSQL (mongodb)
Git	Jenkins(x)	SQL (Postgres,mysql)

EXPERIENCE

ElectrifAi, Jersey City, NJ

Senior DevOps Engineer

JAN 2020 - PRESENT

- Developed and managed CI/CD pipelines using Jenkins
- Implemented a Kubernetes strategy to ensure our Jenkins pipelines can execute in parallel
- Built the infrastructure for Pulmoai on Azure
- Eliminated the need for enterprise support through the introduction and implementation of Kafka
- Set up monitoring on our kubernetes clusters using the sidecar pattern with Prometheus and Grafana
- Put Istio into our cluster so that the traffic inside the cluster can be monitored and our traffic encrypted.
- Set up Kibana to aggregate our logs so they are easier to filter.
- Maintained GCP VPCs, cloud SQL clusters, and GCP storage buckets

Active International, *Pearl River, NY*

Lead DevOps Engineer

MAR 2019 - JAN 2020

- Maintained all Kubernetes environments and infrastructure provisioning with Terraform
- Helped with cost management and cost predictions
- Helped maintain and diagnose issues through log aggregation using elastic search and Kibana
- Fixed issues in the data pipelines for our national advertising platforms
- Helped optimize the platform's mongodb queries
- Migrated all sftp servers to azure, in addition to maintaining all legacy sftp servers
- Assisted in migrating from IBM cloud to GCP
- Demonstrated proficiency with Groovy, Yaml, Artifactory, Docker, and Kubernetes to maintain production environments

Moven, *Radnor, PA*

DevOps Engineer

SEP 2018 - MAR 2019

- Helped to transition the company from being dependent on AWS to cloud agnostic solution driven with Kubernetes and Terraform
- Set up CI/CD with Jenkins
- Utilized Spinnaker to maintain multi-stage deployments for CI/CD pipelines
- Assisted in transitioning from Postgres Databases to Casandra.

EDUCATION

Galvanize, *New York, NY*

FEB 2018 - JUN 2018

Galvanize is a Data Science focused program which uses real-world case studies and teaches machine learning concepts in depth using Python to provide relevant expertise.

Milton Hershey, *Hershey, PA*

COMPLETED 2016

In addition to a High School Diploma, I participated in an Engineering Program and earned an Inventor Certification.