Syed Ali Mustafa

DevOps Engineer

INFO

👤 Syed Ali Mustafa

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Education

Bachelors of Computer Science

Scripting and Automation

Terraform, Golang CLI, GoMux API

Clouds

AWS, Azure

Introduction

DevOps engineer with 1+ Years of hands-on experience in implementation, automation of cloud operation system over large infrastructure. Proficient with cloud SRE ecosystem and can do scripting and automation with Bash, Terraform, Golang CLI, GoMux Gorilla API.

Summary

- Good experience with Linux ecosystem especially debian and ubuntu.
- Experience with AWS / Azure / GCP cloud services - with a expertise on AWS services.
- Good experience with operation monitoring setup based on Grafana, CloudWatch API, Prometheus.
- Experience with container system like Docker ecosystem (build/compose), Kubernetes, Microservices, RESTAPI.
- Experience with cloud automation with Terraform.
- Proficiency in scripting Languages such as Bash, PowerShell, Golang CLI , GoMux based REST API.
- Have ability to work within a team of strong analytical, problem solving and communication skill.
- Have got some experience in Database administration (primarily PostgreSQL) and SQL.

Tools & Utilities

- Grafana, Prometheus, Elastic Stack, Jira Ticketing System, Docker, Kuberenetes, PostgreSQL, SQL, Node.js.

Recent Engagements

Project - Synectiks Appkube Platform

Description - A SRE platform focused on microservices cost and SLA management across clouds.

Environment - (AWS, Azure, GCP, Kubernetes, Docker, Terraform, Tekton, Jenkin-X, Lambda, Cloud Formation, Shell)

Activities Performed

- Worked on writing Terraform modules to provision highly secure configurable AWS services.
- Actively managed, improve, and monitor cloud infrastructure on AWS, EC2, ECS, S3, ES, RDS, LAMBDA, ROUTE53, IAM including scaling and automation.
- Worked on collecting metrics / log / traces data via CloudWatch API and Prometheus agent and creating operation dashboards in Grafana.
- Built Golang Based CLI Automation scripts to implement Kubernetes and AWS extension functionalities.
- Worked on GoMux GORILLA framework to write REST API based on Golang framework.

Project - Cloud Migration & Modernization

Customer - Brighton Cromwell

Specification - Implement complete operation monitoring of Brighton Cromwell Application and Services.

Environment - AWS GovCloud, On-prem DC

Activities Performed

- Worked on log collection using CloudWatch log agent build log based operational dashboards in Grafana.
- Worked on setting up alert management framework to collect alert and its integration with service desk.
- Worked on setting up operation dashboards for application and services running in AWS GovCloud.
- Performed day to day operations SLA monitoring, troubleshooting and escalation.