SANDEEP KUMAR SETHY

DevOps Engineer

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📍 Bangalore, Karnataka

EXPERIENCE

DevOps Engineer

Falabella

📅 11/2018 - Present   📍 Bangalore, Karnataka

Responsibilities:

- Design, build and operation management of highly secure and scalable infrastructure through automation using IAC (**Terraform**).
- Achieved the cost optimization for GCP cloud by enabling spot.io managed nodes, Logs migration to Datadog & Deployments resource usage optimization (cpu & mem)
- Upgraded the GKE cluster both control plane & node pool to the latest stable release(1.22.15-gke.1000) without having any downtime & implemented spot.io for managing workloads
- Upgraded the Istio to latest stable version(v1.15.2) by decoupling it from terraform state files
- Manages multiple environment.
- Research on new tools (**VELERO,PGADMIN**) & implement the solution after POC.
- Implemented workload identity in **GKE** cluster for better management of service account for accessing google services
- Managing all the GCP resources & IAM related things using Terraform
- Writing and managing CI/CD pipeline's in Gitlab.
- Managing end to end application deployment on GCP using helm and Gitlab.
- Experience in setting up new infrastructure from scratch by writing Gitlab pipeline, setting different resources on GCP etc. using Terraform
- Troubleshooting the production issues of Kubernetes
- Implementation & deployment of Grafana ,Prometheus & Datadog Experience in implementing Istio/Envoy configurations for service mesh and sidecar proxy.

Software Engineering

TESCO

📅 06/2017 - 10/2018   📍 Bangalore, Karnataka

Responsibilities:

- Responsible for keeping Tesco Online and Mobile App in function with zero down time. Working on Defects raised in JIRA, Change and Incident Management.
- Good exposure in setting up service dashboards/alerts using Splunk, AppDynamics.
- Writing SQL Queries to fetch data or if any changes are required.
- Working with ATG BCC for product induction, pricing, promotion etc.
- Working on Configuration changes, server patching and Application deployment in Production.

CERTIFICATIONS

Datadog

https://www.credly.com/badges/bf658230-4b3e-498e-bf41-9729051d5d78/linked_in_profile

Terraform

https://www.credly.com/badges/bf658230-4b3e-498e-bf41-9729051d5d78/linked_in_profile

CKAD

https://drive.google.com/file/d/1ykUEIVWI_R4reR6qNcEmQHgf9rFaH_Vt/view

SUMMARY

Overall 7 years of professional IT experience in Software Development, Configuration, Build and ReleaseEngineering, Devops Engineering, Automation and Cloud Computing platforms like GCP,AZURE.

PROFESSIONAL EXPERIENCE

*Experienced in GCP cloud and services like IAM, VPC, GKE, PUBSUB, CLOUD SQL, REDIS.
*Deployment and management of complete cloud infrastructure using Terraform (IaaC)
*Experienced working with application and architecture team to conduct the proof of concept (POC)and implement the design in GCP infrastructure.
*Creation and maintenance of production grade clusters on GKE(Google Kubernetes Engine)
*Implementation and maintenance of distributed microservice e-commerce architecture.
*Experienced in Setting up Gitlab CI/CD pipeline from scratch and automating the manual tasks.
*Experienced in Kubernetes to manage, create Pods, Services and Deployments.

TECHNICAL SKILLS

Operating Systems- Windows, LINUX, Red Hat

CI & CD Tools- Gitlab,ArgoCD,

Databases- SQL Server ,MySQL

Containers- Kubernetes, Docker

Build Tools- Terraform

Monitoring Tools- Datadog,Grafana, Stackdriver Suit.

Cloud Technologies- GCP, AZURE
Cloud Services- GKE,PUBSUB,CLOUD FUNCTION,CLOUD STORAGE,CLOUD SQL,IAM,COMPUTE ENGINE,VPC ETC..

Version Control-GIT, GitLab
Scripting Language- Shell scripting