

DevOps Engineer

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OBJECTIVES:

I am looking forward to working in a secure and thriving organization that will allow me to build up a challenging career and dynamic personality and enhance my skills in the state of technology. Skilled DevOps Engineer supporting, automating, and optimizing mission-critical deployments in AWS, leveraging configuration management, CI/CD, and DevOps processes.

PROFESSIONAL SUMMARY:

- Having Knowledge of how to manage RedHat Linux and Centos7.
- Expertise in bootstrapping operations using Ansible, which aids the node environment by connecting and configuring with the master and slave.
- Hands-on practice on Artifact Registry, which manages container images and language packages and is completely integrated with Google Cloud tooling and runtime.
- Set up and build GCP infrastructure using various resources such as cloud code, cloud SDK, spring framework on Google Cloud for coding and cloud build, Tekton, Jenkins for build and Google Cloud deployment, and cloud build for deployment.
- Good Knowledge of how to set up MFA multi-factor authentication using the Google Authenticator APP.
- Expertise in configuring web development technologies, particularly on Linux and Tomcat servers.
- Knowledge of how to manage infrastructure as code using tools like Terraform and Cloud Formation.
- Enhanced my understanding of infrastructure monitoring.
- Hands-on knowledge of DevOps methodologies and agile methodologies.
- Fundamentals of buckets and storing our data, as well as how to interact with cloud storage using the command line tool gsutil.
- Continuous Integration and Deployment Tools such as setting up jobs and installing Jenkins and Google Cloud Build, creating templates and versioning them using the cloud SDK, and deploying them using Google Cloud Deploy.
- Good Knowledge of Kubernetes clusters and how to configure API objects such as pods, deployments, and services.

Technical skills:

Configuration Management Tool:

ANSIBLE, ACM (ANTHOS CONFIGURATION MANAGEMENT)

Databases:

RDS, CLOUD SQL, MYSQL

DevOps Tools:

ANSIBLE, GIT, TERRAFROM, JENKINS, DOCKER, KUBERNETES, TEKTON, GSUTIL

Environments:

LINUX, WINDOWS

Google Cloud:

DATABASE MIGRATION SERVICE, SERVER MIGRATION SERVICE.

Scripting Languages:

BASH, PYTHON

Technologies:

AWS And Google Cloud Platform

Version Control Software:

GIT HUB, PIPER

DevOps Engineer

Skills:

GCP: Google Kubernetes Engine Compute Engine, Cloud SQL, Google Cloud Storage Composer

CI/CD: Jenkins, GitHub Actions

DB: Mongo Atlas

Self-Learning: CloudFormation, Terraform, Kubernetes

INTERNSHIP: Nov 2023 – Till Date

Girnarsoft Software Pvt Ltd

- Optimized GCP Compute Engine costing using the Pricing Calculator.
- Improved Auto-Scaling rules for GCP Compute Engine instances.
- Reserved the necessary Compute Engine instances based on metrics from the Stack driver.
- Learning Google Cloud Deployment Manager and Terraform for Infrastructure as Code.
- Stored environment variables in GCP Secret Manager.
- Integrated GCP Secret Manager with Jenkins Pipeline.
- Created and managed Google Cloud SQL for PostgreSQL.
- Installed and maintained Google Cloud SQL for MS SQL Server for data engineering.
- Created Jenkins pipeline for automation of Google Cloud Functions using Cloud Build.
- Implemented custom IAM roles for Cloud Functions.
- Migrated frontend applications based on NextJS and ReactJS to Google Cloud Storage and Google Cloud CDN for improved maintenance and caching.
- Migrated backend APIs based on NodeJS from Compute Engine to Google Kubernetes Engine (GKE) for better high availability and expandability.
- Set up Composer and Google Cloud Composer environments for Apache Airflow.
- Migrated legacy Data Engineering from Compute Engine to GKE for better scaling.
- Deployed REST APIs in Java using the Spring Boot framework on Google Cloud App Engine for an in-house SCM Product.
- Installed and maintained Google Cloud SQL for MS SQL Server as per the data engineering team's requirements.
- Utilized Google Cloud's Pricing Calculator for cost optimization and migrated to cost-effective machine types.
- Set up end-to-end infrastructure for Google Cloud Speech-to-Text services.
- Created, maintained, and containerized a Flask-based website for internal use on Google Kubernetes Engine.

Education



MBA- International Business (University of Greenwich) UK - 2020



Silver Jubilee Govt Degree College, Kurnool-2017

DevOps Engineer

Licenses & Certifications:

Google cloud

- Google Cloud Certified Associate Cloud Engineer-2022

HashiCorp

- Terraform Associate Cloud-HashiCorp - 2023

Udemy

- Google Kubernetes Engine (GKE) -May-2021
- AWS Cloud Practitioner Essentials -Feb-2021
- DevOps on Google Cloud Platform 4 June 2020 Completed.
- Introduction to Database Migration 28 May, 2021 Completed.
- Google Cloud platform Fundamentals 12 March, 2021 Completed
- Getting Started with Amazon Simple Storage Service (Amazon S3) 5 March, 2021 Completed.