Libiya Joseph

Sr DevOps Engineer

DevOps Engineer with 4+ years of experience designing, automating, and managing cloud-native infrastructure on GCP and AWS. Experienced in building and maintaining production-grade Kubernetes (GKE) clusters, implementing GitOps workflows using Flux and Helm, and designing scalable CI/CD pipelines with GitLab. Certified as a Google Cloud Associate Engineer and currently working towards obtaining certifications to attain both Professional-level certification in cloud and Kubernetes.

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WORK EXPERIENCE

Sr DevOps Engineer

Cloudium Software

Nov, 2023 - Present

Accomplishments / Tasks

- Architected and operated production-grade GKE clusters with GitOps (Flux + Helm), standardizing deployments and reducing failures.
- Designed GitLab CI/CD pipelines for container builds, image promotion and automated rollbacks, decreasing deployment time and manual interventions.
- Automated infrastructure provisioning and cluster maintenance to improve reliability, observability, and recovery processes.
- Collaborated with developers to containerize applications and implemented deployment best practices; mentored junior engineers on Kubernetes and GitOps.

DevOps Engineer

Avasoft

Mar, 2021 - Sep, 2022

Accomplishments / Tasks

- Designed new architectures within the AWS for a lift and shift style move as the first stage cloud solution.
- Built services through a combination of Terraform and Ansible to provision infrastructure, coordinated with GitLab reduced the monthly costs by $400 by removing unnecessary servers and databases.
- Was an integral part of the team that improved and monitored cloud infrastructure on AWS and JenkinsPart of the Agile team that deployed Sacs software for over 1 million users.
- Set up and maintained a 99% uptime of a network of Linux servers.
- Successfully created and maintained automated CI/CD pipelines for code deployment using Jenkins.
- Used GitLab CICD for automating build and deploy designed architecture to reduce human error and speed up production processes.

SKILLS

GitLab CICD | AWS | GCP | Kyverno | Kubernetes | IaC - CloudFormation, Terraform | Github

PROJECTS

GKE Cloud-Native Application Platform

Environment: GCP | GKE | Kubernetes | Docker | Helm | Flux CD | GitLab | Artifact Registry | APISIX | Gateway API

Nov, 2023 - Present

Tasks / Achievements

- Managed a production-oriented Kubernetes platform running frontend and backend workloads on **GKE**.
- Implemented Flux CD and Helm Release for GitOps-based application deployment and configuration management.
- Configured APISIX API Gateway for routing external traffic to backend Kubernetes services.
- Implemented secure external access using Gateway API, Google Cloud Load Balancing, and Google-managed certificates.

CERTIFICATES

Associate Cloud Engineer Certification

Google Cloud

ID: 309f2e9645774d7a902642ad58cd821e

Jun, 2025 - Jun, 2028

EDUCATION

Ramco Institute of Technology

BE, Electronics and Communication Engineering

CGPA: 8.78

Aug, 2017 - Apr, 2021

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