Meet Hingu

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SUMMARY

DevOps Engineer with 3.5 years of experience in automating deployments, managing cloud infrastructure,

and optimizing CI/CD pipelines on Google Cloud Platform (GCP). Proven track record of reducing deployment time by 40%

and optimizing cloud costs by 20% through automation. Expertise in Terraform, Kubernetes, Ansible, and Jenkins,

ensuring highly scalable and reliable cloud architectures. Passionate about DevOps automation and improving system efficiency.

EXPERIENCE

DevOps Engineer | 12/2022 - Current

Jio Platforms Ltd - Mumbai

- Built infrastructure with GCP resources and skillfully installed and set up various technologies, such as nginx, opsagent, redis, mongo, rabbitmq, docker, and node, in accordance with project specifications.
- Responsible for setting up and maintaining GCP infrastructure, such as virtual machines, firewalls, storage, networking components, GKE cluster configuration, artifact registry, load balancers, and memorystore redis.
- Experience in Kubernetes and GKE to automate the build and deployment of several Node.js applications.
- Created and implemented CI/CD pipelines utilizing the Docker build pipeline and Azure pipelines for release.
- Created Python scripts to create a systematic resource inventory for GCP in order to track components.
- Automated the provisioning of infrastructure components, such as compute instances, storage resources, and networking settings, by using Terraform modules.
- Created and oversaw Jenkins build tasks for scaling up and down procedures and deployment processes.
- To guarantee data integrity and preparedness for disaster recovery, automated shell scripts in

cronjobs were used to manage and maintain daily backups of Redis and MongoDB databases.

- Configured alert systems and rule sets on GCP services to keep an eye on system health and react quickly to important occurrences.

- Created Ansible playbooks to add and oversee scripts on several servers for cron tasks.

- Served as a vital liaison between the application team and the information security team, promoting open lines of communication and coordination.

- Oversaw the timely renewal of SSL certificates throughout the infrastructure in order to maintain security requirements.

- Computed and provided weekly reports on the cost and use of GCP resources, and took the appropriate steps to scale up or down.

Graduate Engineer Trainee | 08/2021 - 12/2022

Jio Platforms Ltd - Mumbai

- Led a team in automation POCs, streamlining manual DevOps tasks.

- Conducted service validation testing for Jio.com & MyJio to ensure seamless customer experience.

- Identified & reported critical software bugs, improving release stability.

- Conducted technical interviews for hiring graduate trainees.

PROJECTS

DevSecOps Implementation for a Netflix-like Platform

- Designed and implemented DevSecOps pipelines to integrate security in CI/CD workflows.

- Used SAST (Static Application Security Testing) and DAST (Dynamic Application Security Testing) tools to detect vulnerabilities early.

- Implemented container security scanning with Trivy & Aqua Security to ensure safe deployments.

AWS to GCP Migration Project

- Led the migration of a production-grade application from AWS to GCP ensuring minimal downtime.

- Used Terraform to automate infrastructure provisioning on GCP.

- Migrated databases from AWS RDS to Cloud SQL and optimized cloud resources for cost efficiency.

Kubernetes-based Microservices Deployment

- Automated deployment of microservices on GKE, improving system availability by 99.9%.

- Implemented Helm charts for easy application deployment and scaling.

SKILLS

Cloud & Infrastructure: Google Cloud Platform (GCP), Terraform, Kubernetes, Docker

DevOps & Automation: CI/CD (Azure Pipelines, Jenkins), Ansible, Git, Bash/Python scripting

Monitoring & Security: GCP Monitoring, Grafana, SSL Management

Operating Systems & Databases: Linux, Windows, MySQL, Firebase, MongoDB, Redis

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EDUCATION

B.E. in Computer Engineering | University of Mumbai (Shah & Anchor Kuttchi Engineering College) | 2021 | CGPA: 7.4

Diploma in Computer Science | K.J. Somaiya Polytechnic | 2018 | Score: 75%

SSC (10th Grade) | Maharashtra State Board | 2015 | Score: 81%

CERTIFICATIONS & ACHIEVEMENTS

- Star Performance of the Year Award - Jio Platforms Ltd

- Spotlight Appreciation Award for Automation POC

- The Ultimate DevOps BootCamp 2023 - Udemy

- Introduction to Containers w/ Docker, Kubernetes & OpenShift - Coursera

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VOLUNTEER EXPERIENCE & LEADERSHIP

- Discipline Category Head Volunteer - Managed event teams and ensured smooth execution during college fests.