INESH KUMAR

DevOps Engineer

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SUMMARY

6+ YOE as DevOps Engineer. Built secure, high-performing, resilient applications using well Architect-ed Framework, based on the following five pillars.

1. **Operational Excellence**: Managing and Provisioning Infrastructure as a Code (IAC) using Terraform. Additionally creating/managing CI/CD pipelines.
2. **Security**: Hardening Infra security using GCP Security Command Centre.
3. **Cost Optimization**: on GCP AWS environments, reducing total cloud spends up-to 68%.
4. **Reliability**: Container Orchestration using Kubernetes for production workloads ensuring elasticity of services.
5. **Performance Efficiency**: Building serverless arch using GCP cloud functions to remove server's operational burden.

EXPERIENCE

Senior Devops Engineer

mavQ

📅 09/2023 - Present   📍 Jaipur, India

Decrease the document process time from days to mins using AI.

- Specialized in AI-driven document processing, using event-driven architecture to handle **high-volume** workflows efficiently.
- Leverage AWS and GCP services to scan container images in registries and resolve security vulnerabilities
- **On-Demand** Environment Scaling: I set up an on-demand environment scaling solution that is not only cost-effective but also user-friendly, allowing non-technical teams to utilize the setup independently.
- **Access Automation**: I worked on automating access management, streamlining the process to ensure secure and efficient permissions handling across projects
- **End-to-End Alerting Setu**p: I implemented an end-to-end alerting setup, enhancing our incident response and ensuring issues are promptly addressed to maintain high availability and reliability.

Senior DevOps Engineer(Remote)

Dunzo

📅 07/2021 - 09/2023   📍 Bangalore

An on-demand delivery service that connects users with local merchants and delivery partners.

- Led the efforts for architecting Infrastructure that handled **200x** traffic on peak load (Home Screen) and 20x overall during the IPL 2022 event ensuring **100% uptime**.
- Developed, enhanced and maintained automated solutions to create infrastructure as code (IAC) in GCP aimed to improve and support the productivity of the 250 Member Developer Team.
- Implemented **OpenVPN** for private access setup, enhancing network security and data protection which catered to 1000 employees ensuring 100% uptime.
- Managed and built an automated staging environment creation pipeline that caters to on-demand ephemeral staging environments within **5 minutes**.
- Set up and managed Jenkins Spinnaker on K8s, designed automated pipelines to deploy code to production environments that catered to **120 microservices**.
- Designed and set up EFK logging architecture to enable centralized logging in Production environments which caters to **6TB logs/day**.
- Led the live database version migration that helped 50 developers' productivity.

DevOps Engineer

Intimetec

📅 02/2019 - 07/2021   📍 Jaipur

A company specializing in IT solutions and services.

- Set up Docker for 21 microservices and optimized docker images that reduced the size from **2 GB to 200 MB**.
- On-boarded 21 microservices from VM to Kubernetes reducing management effort by **80% man-hours**.
- Set up monitoring for EKS through Prometheus and Grafana, which reduced production outages by **70%**.
- Created a docker cloud for slave setup in Jenkins for deployment that optimized cost by **75%**.
- IAC: Managed AWS cloud using Terraform and Ansible reducing environment creation time from 24 hours to **30 mins**.

KEY ACHIEVEMENTS

✔️ **Architecting Infrastructure for IPL 2022**
Successfully led architecting of infrastructure for IPL 2022 which handled unprecedented traffic, ensuring zero downtime.

💎 **Cost Optimization**
Achieved cloud cost optimizations (68% reduction) bringing the cost down from 8 Crores/month to 3 Crores/month.

SKILLS

Cloud
AWS, GCP

IAC
Terraform, Terragrunt, Ansible, CrossPlane

CI / CD
Jenkins, Spinnaker, Gitlab, Github, BitBucket, ArgoCD

Monitoring / Logging
Grafana, Prometheus, Zabbix, NewRelic, DataDog, ELK

EDUCATION

B.Tech. in Computer Science
University Of Rajasthan
📅 08/2015 - 06/2019   📍 Jaipur

Senior Secondary Education
NKPS
📅 04/2013 - 03/2014   📍 Jaipur

INTERESTS

🚩 **Sports and Travel**
Enjoys playing badminton and table tennis, also loves to travel.