

DARSHAN MISTRY

DevOps, DevSecOps, Infrastructure Engineer

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CAREER HIGHLIGHT

Utilizing **4 years of experience**, I proficiently manage, design, and build low-latency, highly scalable, fault-tolerant, secure, and robust infrastructures. Proficient in implementing DevSecOps practices and adept at leading DevOps teams.

WORK EXPERIENCES

DEVOPS ENGINEER | SKUAD.IO (ALL REMOTE) ----- November 2022 – September 2023

Tools & Technology: GCP, Kubernetes, GKE, Helm, Istio, ArgoCD, Docker, Linux, Prometheus, Grafana, Datadog, PagerDuty, Nifi, Kafka, Progress SQL, Mongo DB, Gitlab CI, Kong, ELK stack, Loki, Mimir, Notion, Buildah, Surge, Vercel, Terraform, Python, Open LDAP, Vault, Indus-face WAF, Cloudflare, Jira, Virtuoso, Redis, Pritunl

- ✓ Established an end-to-end **disaster recovery** plan using **Cloud CLI** and **Helm chart**.
- ✓ Reduced expenses by 27% through strategic **cost optimization**.
- ✓ Monitored different levels of metrics using **Prometheus** and set up critical alert triggers via **PagerDuty**, *improving reaction time by 70%*.
- ✓ Implemented automated commit linking to **JIRA**, reducing tracking efforts by 60%.
- ✓ Successfully **migrated** the **entire cluster** from Mumbai to Singapore.
- ✓ Provisioned **GitLab Runner** through **Terraform**, reducing setup time by 80% and enabling concurrent execution.
- ✓ Upgraded to **Istio** from **ingress**, cutting costs by 30% while **enhancing security** and performance.
- ✓ **Resolved a database blackout downtime in 20 minutes using backups**

Roles: ****Team Lead** ****Administrator** of Kubernetes, AWS, GCP, Kafka, Database, Linux servers, CI/CD pipeline, Version Control System, Monitoring and Logging ****Implement the SOC2 practice**, ****Manages All levels Access** ****Manage the Infrastructure** ****Onboard the New Microservices**

DEVOPS CLOUD ENGINEER | OMUNI (ARVIND LIMITED) ----- April 2021 – July 2022

Tools & Technology: AWS, Kubernetes, Docker, Helm, ELK, Istio, Linux, Prometheus, Grafana, Kafka, MySQL, Mongo DB, Jenkins, SonarQube, Terraform, Python, Shell Script, Bitbucket, Ansible, Squid Proxy, OpenVPN

- ✓ Implemented a **highly available K8s** cluster using **Kops**, achieving 99.99% uptime.
- ✓ Established a **CI/CD** pipeline with **Jenkins** for deploying **Java Spring Boot**, **Node.js**, and **Python applications**, reducing release times by 50%.
- ✓ Utilized **AWS Lambda** functions to schedule downtime and perform database cleanup
- ✓ Conducted scans on all servers using **Nessus**, remediating 98% of vulnerabilities to meet **SOC2** compliance.
- ✓ Set up a 7-day **restoration** and **backup** strategy for **RDS** and **EC2** using **Terraform**.
- ✓ Implemented lifecycle policies for **Amazon S3**, reducing storage costs by 40%.
- ✓ **Resolved AEM issues using troubleshooting skills, enabling the go-live of nnnow.com within 2 hours.**

Roles: ****Team Lead** ****Administrator** of Kubernetes, AWS, Kafka, Database, Linux servers, CI/CD pipeline, Version Control System, Monitoring and Logging ****Take Weekly of Hotfix Release** ****Implement the SOC2 practice** ***Manages All levels Access**

ASSOCIATE DEVOPS ENGINEER | BORNDIGITAL ----- October 2019 – December 2020

Tools & Technology: AWS, GCP, Kubernetes, Docker, Linux, Nagios, MySQL, Mongo DB, Jenkins, ELK stack, Python, Shell Script, Ansible, Wire Guard, OpenVPN

- ✓ Configured **Jenkins** for the CI/CD pipeline, reducing Developer time by 80%.
- ✓ Implemented a multi-region VPN **WireGuard** setup, reducing latency.
- ✓ Configured **Nagios** to **monitor** all servers and set up **alerting** using **Postfix**.
- ✓ Deployed the **Angular** Application on **Kubernetes**, reducing costs by 37%.
- ✓ Redesigned infrastructure on **AWS HA** of **ejabberd**, reducing latency by 30%.

Roles: Linux Administrator ****Monitor System** ****Manage SSL certificate** ****Manages All Access**

SKILLS

CLOUD COMPUTING

AWS, GCP

SCRIPTING

Python, Shell, Awk

INFRASTRUCTURE AS CODE

Terraform, Ansible

CI/CD

Jenkins, Build Pipel, Gitlab CI, Build-Pipel, Argo CD

MONITORING

Prometheus, Grafana, Data Dog, New Relic

LOGGING

Loki, ELK

VERSION CONTROL

GitHub, Bitbucket, Gitlab

Kubernetes Programming

Python Go

PROJECTS

- Git Branching Strategy
- 1 Tier App Deployment
- 3 Tier App Deployment
- CI/CD with DevSecOps
- Monitoring on Kubernetes

CERTIFICATIONS

CNCF - Certified Kubernetes Administrator LF-e0g7gx1qv3

IBM - DevOps Professional

Kode Kloud – 6

› Docker Certified Associate

› AWS Cloud Practitioner

› GCP Cloud Digital Leader

› Terraform Associate

› Helm for Beginners

EDUCATIONS 2015-2019

BACHELOR OF ENGINEERING
Computers Science & Engineering
Gujarat Technological University