

Abhishek Sharma, Lead DevOps Engineer

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LINKS

[LinkedIn](#), [Website Portfolio](#), [GitHub](#), [Certified K8s Admin](#), [Certified K8s Application Developer](#), [Certified Terraform Associate V002](#), [OCI Associate](#), [Alibaba Cloud Associate](#)

PROFILE

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

- **Operational Excellence:** Managing and Provisioning Infrastructure as a Code (**IAC**) using **Terraform**.
- **Security:** Hardening Infra security using **GCP Security Command Centre** and **Cloudflare** for **bot management, rate limiting** and **WAF**.
- **Cost Optimization:** on **GCP & AWS** environments, reducing total cloud spends up-to **68%**.
- **Reliability:** Container Orchestration using **Kubernetes** for production workloads ensuring elasticity of services.
- **Performance Efficiency:** Building **serverless** arch using **GCP cloud functions** to remove server's operational burden.

EMPLOYMENT HISTORY

Mar 2021 — Present

Lead DevOps Engineer, Dunzo Digital Pvt Limited

Bengaluru

- 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**.
- **Indian Premier League (IPL 2022)** Led the efforts for architecting Infrastructure that handled **~200x traffic** on peak load (Home Screen) and **~20x** overall spanning over **2 months** during the event ensuring **100% uptime**.
- Cloud **Cost optimisations (~68% reduction)** to bring the cost down from **8 Crores/month** to **3 Crores/month**.
- **Managed and built from scratch** an automated staging environment creation pipeline that caters to on-demand ephemeral staging environments within 5 minutes (from a manual process of **24 hours**).
- Set up and managed **Jenkins & Spinnaker** on **K8s**, designed automated pipelines to deploy code to production environments using **helm** package manager that catered to **120 microservices**.
- Led a team of **7 DevOps** Engineers to migrate **120 microservices** to **Kubernetes GKE** and led **GKE version upgrades** every 3 months without downtime.
- Designed and setup **EFK** logging architecture to enable centralized logging in Production environments using **Fluentbit, Elasticsearch** and **Kibana** which caters **6TB logs/day**.

Kubernetes | Jenkins | Docker | GKE | Terraform | Spinnaker | Helm | New Relic | EFK | VPN | Load Balancing | nginx | Argo CD | Argo Workflow

Oct 2020 — Feb 2021

Site Reliability Developer, Oracle Cloud Infrastructure

Bengaluru

- Acting as a **Primary POC & On-Call** for Production incidents, performing detailed RCA while developing automated and self-healing solutions in OCI Object Storage Service.
- Supporting product **up-time of 99.9%** in production.
- Developed internal tools and processes that leverage observability best practices to proactively identify and resolve issues before they become incidents.

Aug 2017 — Sep 2020

DevOps Engineer, Nutanix

Bengaluru

- Set up reliability operations for the product in India, from development stages to roll-out that catered to **~100 Enterprise Customers**.
- Supported product uptime matrix of **99.5%** in production.
- Cost optimization efforts resulting in savings of over **\$20,000/month** on AWS spending.
- Managed and built **CI/CD pipelines, security** hardening, & production workload on **Kubernetes** and **Nomad clusters, IAC**.
- Monitoring and Alerting for the application.

Nutanix Beam | AWS | Kubernetes | Prometheus | Grafana | IAC & Terraform | Jenkins | Spotinst

EDUCATION

Jul 2013 — May 2017

B.Tech, Computer Science, Rajasthan Technical University

Graduated with Honours (**8.2 CGPA**)

OPEN SOURCE FORUM

- Kubernetes Forum – Bangalore, India (02/2020) [□](#)
- Redhat Forum – Bangalore, India (10/2018) [□](#)
- AWS AI Conclave – Bangalore, India (12/2018) [□](#)
- AWS Containers Day – Bangalore, India (03/2019)