

Loknath Singh

DevOps Engineer

PROFILE SUMMARY

DevOps engineer with hands-on experience in infrastructure automation, deployments, and maintenance of containerized workloads on Kubernetes.

Proficient in utilizing a comprehensive toolkit including Jenkins, Terraform, Ansible, Linux, Bash Shell scripting, Git, Github, and Google Cloud platform services.

Collaborative team player optimizing system performance and reliability through cross-functional expertise.

EXPERIENCE

Tech Lead: DevOps Engineer at TCS Pune: Client HSBC

June 2023 - PRESENT

Deployed containerized CD tool from scratch on Google Kubernetes Engine. This includes the setup of DNS, SSL certificates, service accounts, container image pull push pipelines, K8s manifest files, secrets, and service accounts.

Led the execution of Mutual-Transport-Layer-Security certificate installation and renewal, along with other TLS certificates for service continuity.

Baked RHEL8 Images for GCP Virtual Machines using Ansible custom Roles & playbooks

DevOps Engineer at TCS Pune: Client HSBC

July 2021 - June 2023

Developed and maintained automations and Integrations on Jenkins for various GCP services with Scripts written in Groovy and Bash.

Examples - Auto VM on-off, Container image pull push from Nexus, VM auto-refresh, VM Image creation, Service Account key Rotation, Container image deletion, VM Image deletion, Filestore Backups auto create-delete

Migrated the whole GCP infrastructure from Terraform V0.12.13 to V1.3.1. Wrote Terraform modules to support the latest TF versions. Updated Terraform installation in Linux Jenkins Node.

Worked on Kubernetes deployment, workload management, YAML configuration file modification, and resource allocation via Helm.

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[GitHub](#) [LinkedIn](#) [Portfolio](#)

SKILLS

Jenkins, Groovy, and Bash scripting

Ansible

Terraform, Terraform Modules

Kubernetes workloads, GKE

Docker

Linux

Git and Enterprise GitHub

GCP services, Compute Engine, Cloud Storage, VPC, Subnet, GKE, IAM, Secret Managers, Cloud SQL, Container Registry, Artifact Registry

Basics of AWS and Azure

React, Redux, Javascript, HTML, CSS, Firebase, Netlify.

Java, Python, MySql

AWARDS

Recognized with the 'Exceptional Performance Award' for leadership in technical decision-making, consistently meeting demanding deadlines, and earning customer appreciation

Awarded 'Performer of the Month' for winning client's confidence, ensuring timely delivery of critical client requirements, and upskilling as per project demands.

EDUCATION

**Shri Vaishnav Vidyapeeth
Vishwavidyalaya Indore**
Bachelor of Technology in Information Technology

July 2017- June 2021