

JASKARAN PAL SINGH

DevOps/Platform Engineer

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WEBSITES AND SOCIAL LINKS

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SUMMARY

DevOps/Platform Engineer with extensive experience in infrastructure development and systems engineering, I am eager to contribute my skills to your dynamic team.

EXPERIENCE

❖ DevOps/Platform Engineer, Oncehub Dec 2021

Remote work

Designed and implemented monitoring observability solutions for multi-cluster/multi-cloud K8s environments, leveraging Prometheus/mimir to collect metrics from multiple clusters and configuring Grafana to provide centralised, insightful Dashboards.

Managed multiple K8s clusters and cloud infrastructure components on the Azure cloud. All of this was done with Iaas using Terraform. Automated and monitored build and release processes using CI/CD tools (Jenkins, Github, SonarQube), driving failure resolution.

Drove a 40% reduction in cloud costs by optimising AKS, EKS, Databases and Compute instances. In collaboration with development and engineering teams (FinOps).

Used terraform to provision and manage Azure/AWS multi cloud resources such as EKS, AKS, Vnets, Load Balancers, Route 53, Azure front door, DNS, and Databases.

Responsible for security reporting of the cloud infrastructure.

Implemented vulnerability scanning of docker Images with Trivy.

Performed Disaster Recovery, Infrastructure upgrades of the application components with 0 downtime and minimal data loss (Site Reliability).

Responsible for improving the alert mechanism related to various cloud infra services on Azure/AWS and creating cost analysis dashboards.

Done Site reliability activities like Incident management, being on call, Incident resolution and documenting incidents for team to be better prepared for future.

Defined SLIs and SLOs to measure service reliability.

❖ Senior Infrastructure Developer, Cognizant Nov 2021 — Dec 2021

Pune

Provided input to architectural planning and decision-making processes.

❖ System Engineer, Tata Consultancy Services Mar 2018 — Nov 2021

Noida

Managed and created cloud infrastructure on AWS and Azure, leveraging DevOps methodologies.

Worked on automating configuration management and CI/CD pipelines using tools like Ansible, Jenkins, Git, Maven, Sonarqube, and Jfrog, including containerization with Docker and Kubernetes (AKS).

Engineered real-time observability dashboards in Splunk for developers and operations teams.

EDUCATION

❖❖

Guru Nanak Dev University

2013 — 2017

B.TECH, Computer Science & Engineering

Amritsar

SKILLS

Python❖❖❖❖❖

Powershell❖❖❖❖❖

AWS❖❖❖❖❖

Ansible❖❖❖❖❖

Terraform❖❖❖❖❖

Docker❖❖❖❖❖

Argo CD❖❖❖❖❖

Prometheus/Grafana❖❖❖❖❖

Bash❖❖❖❖❖

Azure❖❖❖❖❖

GCP❖❖❖❖❖

Jenkins❖❖❖❖❖

Kubernetes❖❖❖❖❖

Github Actions❖❖❖❖❖

Helm❖❖❖❖❖

CERTIFICATIONS AND LICENSES

Oracle Cloud Infrastructure 2025 Multicloud Architect Professional(1Z0-1151-25)

HashiCorp Certified: Terraform Associate (004)