Jaskaran Pal Singh

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DevOps Engineer with expertise in cloud services, infrastructure as code, and CI/CD. Proven ability to drive seamless project implementation through enhanced collaboration and effective problem-solving.

Skills

- Kubernetes
- Networking
- Docker
- Azure
- Terraform
- AWS
- GCP
- Helm
- Python
- Bash
- Jenkins
- PowerShell
- Prometheus
- Grafana

Work History

DevOps Engineer
Oncehub | December 2021 - Current

- Automated and monitored build and release processes using CI/CD tools (Jenkins, Github, SonarQube), driving failure resolution.
- Implemented Ansible automation to streamline configuration management, enabling the deployment of configuration files to multiple Windows VMs.
- End-to-end setup of infrastructure and applications, including web/app servers, CMS, proxy, DNS, build, package, Varnish, database, and backups.
- Drove a 10% reduction in cloud costs through FinOps analysis and collaboration with development and operations teams.
- Responsible for security reporting of the whole infrastructure. Implemented vulnerability scanning of docker Images with Trivy.
- Designed and implemented monitoring solutions for multi-cluster K8s environments, leveraging Prometheus to collect metrics from multiple clusters and configuring Grafana to provide centralized, insightful visualizations.

Senior Infrastructure Developer
Cognizant, Pune | November 2021 - December 2021

- Provided input to architectural planning and decision-making processes.

System Engineer
Tata Consultancy Services | March 2018 - October 2021

- Managed and created cloud infrastructure on AWS and Azure, leveraging DevOps methodologies.
- Involved in automating configuration management and CI/CD pipelines using tools like Ansible, Jenkins, Git, Maven, Sonarqube, and Jfrog, including containerization with Docker and Kubernetes (AKS).
- Made dashboards and reports using OBIEE(Oracle) and Splunk.

Education

Bachelor of Engineering in Computer science and Technology
Guru Nanak Dev University, Amritsar | June 2017