SIVANNARAYANA GOWRA

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# SUMMARY

Experienced AWS DevOps Engineer skilled in managing cloud infrastructure using EC2, S3, VPC, and RDS. Proficient in automating CI/CD pipelines with Jenkins, Git, and Docker, plus infrastructure as code with Terraform. Strong in monitoring, security, and optimizing cloud-based deployments with CloudWatch and IAM.

# WORK EXPERIENCE

**CPaaS Messaging Application** *Mar 2025 - Present*

*Diviky Technologies Private Limited (Bangalore)*

 Automated CI/CD pipelines using Jenkins, integrating Git version control and Maven for continuous build, testing, and deployment.

 Built and managed infrastructure using Terraform for consistent provisioning of AWS resources.

 Containerized applications with Docker to improve development workflows and support microservices architecture.

 Deployed and managed applications in Kubernetes clusters, focusing on high availability and fault tolerance.

 Configured and monitored system performance metrics with Prometheus and Grafana to track and maintain application reliability.

 Collaborated with development teams to implement Git branching strategies for smooth code integration and conflict resolution.

 Managed blue-green and canary deployments in Kubernetes to enable seamless application updates.  Used Docker containers to standardize environment setups across all stages.

 Integrated security checks and vulnerability scans within CI/CD pipelines to improve deployment security.

 Monitored and optimized Kubernetes resource usage to maintain application performance and control costs.

**Row Software Application** *Oct 2023- Feb 2025*

*Finse Technologies Private Limited (Bangalore)*

 Automated AWS infrastructure provisioning using Terraform for consistent multi-region deployments.

 Developed and maintained Ansible playbooks for configuration management and application deployment across environments.

 Integrated Jenkins pipelines with Git for continuous integration and delivery, automating builds with Maven for Java applications.

 Applied Git branching strategies (feature branching, GitFlow) to improve version control and team collaboration.

 Created reusable Terraform modules to standardize cloud infrastructure and reduce manual effort.

 Automated post-deployment configurations using Ansible integrated with Jenkins to enhance deployment reliability.

 Managed AWS infrastructure using Terraform as Infrastructure as Code (IaC) for version control and tracking of environment changes.

 Streamlined build and test automation in Jenkins pipelines to ensure code quality before production deployment.

 Collaborated with development and operations teams following peer-reviewed best practices in Git

***EDUCATION***

***Bachelor of Technology***

*Kallam Haranadhareddy Institute of Technology,*

 GPA: 7.14, Courses: Computer Science Engineering

***SKILLS***

 ***Cloud Platform:*** AWS (EC2, S3, VPC, IAM, SNS, ASG, ELB)

 ***Source Control:*** GIT, GitHub, BitBucket

 ***Build Tool:*** Maven

 ***CI/CD:*** Jenkins, AWS Code Pipeline

 ***Containerization:*** Docker, Kubernetes

 ***Infrastructure as Code (IaC):*** Terraform

 ***Configuration Management:*** Ansible

 ***Monitoring:*** Grafana, Datadog, CloudWatch

 ***Database:*** AWS RDS (MySQL)

 ***Scripting:*** Bash

 ***Security:*** Sonar, Trivy

***CERTIFICATES***

 AWS Services Fundamentals for Beginners

 Getting Started with AWS Audit Manager

 Cloud Platform Job Simulation

 Solutions Architecture Job Simulation

 AWS Network Connectivity

*Aug 2019 - Aug 2022*