Saravana L

DevOps & Cloud Engineer | CI/CD Automation | Infrastructure as Code (IaC)
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💼 Professional Summary

DevOps & Cloud Engineer with **2+ years of experience** in automation, cloud infrastructure, and CI/CD practices. Skilled in **Terraform, Ansible, Jenkins, Docker, and Kubernetes (AWS EKS)** for deploying and managing applications. Experienced in supporting internal applications and observability solutions on **AWS and GCP**. Strong in troubleshooting, environment setup, and maintaining reliable deployments.

🛠 Technical Skills

- **Cloud Platforms:** AWS, GCP
- **IaC & Automation:** Terraform, Ansible
- **Micro-Services:** Docker, Kubernetes [AWS-EKS]
- **CI/CD Tools:** Jenkins, GitHub Actions
- **Programming/Scripting:** Python, Shell
- **Servers & Containers:** Apache Tomcat, NGINX, Linux/Windows Containers
- **Databases:** Cloud SQL (GCP)
- **Monitoring & Logging:** Prometheus, Grafana, Loki
- **Version Control:** Git, GitHub
- **Artifact & Container Registries:** Nexus, GAR, AWS ECR, DockerHub
- **OS:** Linux (Ubuntu), Windows Server

📁 Work Experience

Adaequare Info Pvt Ltd – Hyderabad, Telangana

Associate Cloud DevOps Engineer | Apr 2025 – Present

- Supported Kubernetes **(AWS EKS)** workloads with secure deployments using **NGINX Ingress,** Vault-based secrets, and **SSL/TLS.**
- Configured **Prometheus, Grafana,** and **Loki** for cluster monitoring and centralized logging.
- Provided support for the **AFRA application on EKS**, resolving pod restarts, ingress failures, and scaling issues.
- Assisted in deployment validation and basic troubleshooting using shell commands.
- Collaborated with teams to maintain uptime and security.

Graduate Engineer Trainee | Feb 2024 – Mar 2025

Project: PC Listener Activity Tracker (In-house Application)

- Designed and automated infrastructure provisioning on **GCP** using **Terraform** modules for networking, VMs, and storage.
- Built **multi-parameter Jenkins** pipelines for Java & Python applications with approval workflows and rollback mechanisms.
- Automated application setup (Apache, Tomcat, Python, Java) using **Ansible playbooks.**
- Integrated **GCP Secret Manager** for credentials management and enforced prevent_destroy for safe infra teardown.
- Developed a **Python health-check script** to validate service endpoints post-deployment and integrated it into Jenkins pipeline for quick validation.
- Handled build-to-deploy lifecycle with **SonarQube, Nexus,** automated deployments, and monitoring integration.

Additional Contributions:

- Airflow on GCP: Deployed Dockerized **Airflow on GCP Compute Engine** with Cloud SQL backend and GCS integration for DAG storage. Automated DAG deployments with Jenkins.
- Windows Docker Image Factory: Created reusable Windows Docker image containing JDK, Python, and Tomcat. Deployed WAR applications and published images to DockerHub.
- GCP Bucket Storage Automation (Python): Automated object **CRUD** operations in **GCS** for artifact management.

Naresh i Technologies – Hyderabad, Telangana
Internship Trainee (DevOps & Cloud) | Jul 2023 – Feb 2024

- Gained hands-on exposure to **AWS, DevOps,** and **CI/CD** fundamentals under mentor guidance.
- Implemented practice projects covering Terraform, Ansible, Docker, and Jenkins.
- Assisted in configuring VPC, EC2, S3, and IAM on AWS during lab sessions.

🎓 Education
- **B.E. – Electronics & Communication Engineering |** Panimalar Institute of Technology, Chennai (2019–2023) | CGPA: 8.32 (Anna University)
- **Intermediate (MPC) |** Sri Chaitanya Junior College, Chittoor (2017–2019) | CGPA: 9.57 (AP Board)
- **SSC |** Keshava Reddy E/M High School, Chittoor (2016–2017) | CGPA: 9.2 (AP Board)

🌐 Language
- English, Telugu, Tamil, Hindi