Saravana L

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

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# 💼 Professional Summary

Cloud – DevOps Engineer with hands-on experience in AWS and GCP-based DevOps environments. Skilled in CI/CD automation, infrastructure provisioning, and container orchestration using Terraform, Ansible, Jenkins, Docker, and Kubernetes (EKS). Hands-on experience with Python scripting for deployment automation and post-deployment validation tasks. Collaborated on multiple internal projects focused on migration, observability, and cloud resource automation.

# 🛠 Technical Skills

* Cloud Platforms: AWS, GCP
* IaC & Automation: Terraform, Ansible
* CI/CD Tools: Jenkins, GitHub Actions
* Containerization: Docker, Kubernetes (EKS)
* Monitoring & Logging: Prometheus, Grafana, Loki, Promtail, cAdvisor
* Scripting: Python, Shell
* Version Control: Git, GitHub
* Artifact Management: Nexus, AWS ECR, DockerHub
* Operating Systems: Linux (Ubuntu), Windows Server

# 📂 Professional Experience

**Adaequare Info Pvt Ltd – Hyderabad, Telangana**

**Graduate Engineer Trainee | Feb 2024 – Present**

* Collaborated with the DevOps team to deploy an internal web application (In-House Application Tool – PC Listener) across GCP and AWS.
* Assisted in automating compute, VPC, and storage provisioning using Terraform and Ansible.
* Developed and maintained Jenkins pipelines for Java-based builds and deployments.
* Prepared Dockerfiles and configured containerized services for scalable delivery.
* Supported migration from a monolithic GCP setup to AWS EKS-based microservices.
* Assisted in configuring NGINX Ingress, cert-manager (TLS), and monitoring via Prometheus-Grafana-Loki.
* Helped implement IRSA and gp3 storage integration for persistent monitoring volumes.
* Wrote Python and Shell scripts for deployment validation and log parsing.

**Naresh i Technologies – Hyderabad, Telangana**

**DevOps & Cloud Intern | Jul 2023 – Feb 2024**

* Trained on DevOps tools and cloud technologies including AWS, Terraform, Ansible, Docker, and Jenkins.
* Implemented lab-based infrastructure provisioning and CI/CD pipelines under mentor supervision.
* Configured EC2, VPC, IAM, and S3 for project-based learning and automation exercises.

# 🚀 Projects

**In-House Application Tool – PC Listener (Activity Tracking Platform)**

* Designed and deployed the application on both GCP (monolithic) and AWS EKS (microservices).
* Implemented CI/CD using Jenkins, Docker, and Ansible for automated builds and rollouts.
* Integrated monitoring stack (Prometheus, Grafana, Loki, Promtail, cAdvisor) for end-to-end observability.
* Enabled HTTPS using cert-manager and Let’s Encrypt via NGINX Ingress.
* Configured gp3-based PersistentVolumes and IRSA for secure storage access.
* Documentation:

[AWS EKS Monitoring & TLS: Medium Article](https://medium.com/@saravana08052002/building-a-secure-monitoring-stack-on-amazon-eks-tls-prometheus-grafana-promtail-loki-aede23064461)

[GCP Infrastructure Automation: Notion Guide](https://fortunate-headlight-ff9.notion.site/ADQ-UBUNTUDESKTOP-IAC-8caceafdf6f14875810396b9a136a86e?pvs=143)

# 🎓 Education

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

# 🌐 Languages

English, Telugu, Tamil, Hindi