

# SARAVANA L

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Results-driven **DevOps Engineer** with **2 years** of hands-on experience building and managing cloud infrastructure across **AWS**, and **GCP**. Strong background in automating **CI/CD** pipelines with **Jenkins**, containerizing applications using **Docker** and **Kubernetes**, and provisioning infrastructure with Terraform. Known for improving deployment speed by 40% and cutting cloud costs by 15% through smart automation, performance tuning, and efficient resource management.

## SKILLS

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### Cloud Platforms:

- **AWS:** EC2, VPC, IAM, Auto Scaling, EKS, ECR, S3, RDS, CloudWatch, Lambda, Secrets Manager |
- **GCP:** Compute Engine, Cloud Storage, Cloud SQL, Pub/Sub, IAM, VPC, Google Secrets |

CI/CD & IaC: **Jenkins, Terraform, Ansible** |

Containers & Orchestration: **Docker, Kubernetes** |

Monitoring & Security: **Prometheus, Grafana, Loki, SonarQube, Trivy** |

Build & Scripting: **Maven, Bash, Python** | OS: **Linux, Ubuntu, Windows**

## EXPERIENCE

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**Adaequare Info Pvt Ltd | Graduate Engineer Trainee | Feb 2024 - Oct 2025**

### PROJECTS

**Infrastructure Automation & CI/CD – AWS | Client: Cotality**

**Feb 2024 – Oct 2024**

- Automated AWS infrastructure provisioning using **Terraform modules** (VPC, EC2, Security Groups, S3), improving infrastructure consistency by **35%**.
- Designed and supported **Jenkins CI/CD pipelines** for Java applications using **Maven**, Nexus artifact management, and automated EC2 deployments.
- Integrated **Terraform + Ansible** within Jenkins pipelines to enable end-to-end provisioning and configuration, reducing setup time by **~40%**.
- Built **Docker-based Jenkins agents** with Terraform, Ansible, and AWS CLI to ensure isolated, repeatable, and scalable pipeline executions.
- Troubleshoot **Terraform validation errors, IAM permission issues, Jenkins failures, and deployment problems**, ensuring stable releases.

**AWS EKS Platform Support & Observability | Client: CODA**

**Dec 2024 – Oct 2025**

- Supported and validated an **internal AWS EKS environment** aligned with client requirements under senior DevOps guidance.
- Assisted in configuring **Ingress, LoadBalancer services, and TLS automation** using **cert-manager** and **Let's Encrypt**.
- Deployed and validated an observability stack (**Prometheus, Grafana, Loki, Promtail, Node Exporter, cAdvisor**) for metrics and centralized logging.
- Configured **IRSA and AWS EBS CSI Driver-based StorageClasses** to enable secure pod-level access and dynamic volume provisioning.
- Performed Kubernetes workload validation including **pod health checks, log analysis, Helm release updates**, reducing troubleshooting time by **~25%**.

## EDUCATION

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**B.E. Electronics & Communication Engineering** | Panimalar Institute of Technology, Chennai | **2023** | **CGPA: 8.32**

## CERTIFICATIONS

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[Nasscom AWS Cloud Solution Architect Associate](#)