

# Sagar Lalde

## Sr. Software Engineer

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### Professional Summary

Immediate Joiner with 3+ years of experience in designing ,deploying and managing cloud infrastructure. Proficient in AWS services ,CI/CD pipelines, Infrastructure as Code(IaC) and Containerization tools. Hands on a Operating system like Linux and Windows along with networking concepts .

### Experience

Capgemini Technology India Limited, Pune (Nov 2021 - Present) - Sr. Software Engineer

- **Proficient** in AWS services including IAM,EC2,ASG,RDS,ELB,Route53,SNS,ECR,AWS CI/CD,Cloudwatch,Cloudtrail,VPC for infrastructure management
- **Monitored** automated builds and continuous integration processes ensuring quick resolution of build and release failures
- **Managed** 20+ virtual machines (VMs),optimizing resource allocation and reducing cloud costs while ensuring high availability.
- **Developed and Maintained** Docker files to create and efficient containerized environment for application development
- **Deployed** JAVA application using maven ,integrating angular with docker using jenkins and awscodpipeline for CI/CD automation.
- **Configure and Managed** Jenkin servers including plugin installation ,user management and master/slave configuration for scalable CICD pipelines.
- **Implement and optimizing** load balancing solutions for distributing traffic and Ensuring high availability

### Projects:

#### E-Commerce Application:

- Used **Github** as a version control system.
- Followed a Multi-Branching strategy .
- CI/CD Pipeline ensures automated testing building and deployment with Jenkins .
- Code built into a Docker Container to support multiple Environments.
- Used ECR and Dockerhub as a container registries for storing images and enabling future deployments.
- Implemented Blue-Green deployment strategies where 'blue' represents existing environment and 'green' represents new environment to enable zero downtime release .
- Integrated Prometheus and Grafana for real time monitoring with automated alerts via email.

#### Healthcare Application

- Designed and Systematized CI/CD pipelines using Jenkins to accelerate deployment cycles and enhance software delivery
- Implement Infrastructure as Code (IaC) using Terraform ensuring consistent and scalable infrastructure provisioning .
- Deployed High-Performance Java and Angular applications on AWS , leveraging EC2,ECR,RDS,ALB,NLB,and Elastic cache for improved efficiency.

## Skills/ Tools/ Frameworks

- Cloud
  - AWS
  - Azure
  - GCP
- IaC & Configuration Management
  - Terraform, Ansible
- Logging & Monitoring
  - Prometheus, Grafana, Aws Cloudwatch
- CI/CD
  - Jenkins
  - ArgoCD
  - AWS CodePipeline
- Containers
  - Docker
  - Kubernetes
- Operating System
  - Linux, Windows
- Web and Application Server
  - Nginx
  - Apache
  - Tomcat
- Go, Python, Bash Script

## Certifications and Courses

- [AWS Solution Architect Associate](#)
- Currently learning **SRE DevOps** through a structured cohort, focusing on reliability engineering, automation, monitoring, and cloud infrastructure.

## Education

- Sinhgad Institute of Technology and Science Pune, B.E IT
- Sou Venutai Chavan Polytechnic Pune, Diploma in IT