

SARANG S. WANDILE

Devops Engineer

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INTRODUCTION

Devops Engineer with 9+ months of Hands on Experience in Formation of Production Ready and Secure Infrastructure with Leveraging Cutting Edge Industry Driven Devops Tools with Infrastructure as Code, Container Orchestration, Managements Tools, Configuration Tools on Cloud Computing Environments.

WORK EXPERIENCE

HisanLabs Pvt Ltd

Aug 2024-Present

Devops Engineer

- Responsible for Implementing best DevOps practices in clients environments.
- Automated Infrastructure Installation, configuration and Maintenance using **CI/CD Pipelines Terraform** and **shell scripts**.
- Managed **Git repositories**, creating both private and public repositories as per project requirements
- Implemented and maintained advanced **Git branching strategies** tailored to specific project needs
- Integrated **webhooks** to streamline CI/CD pipeline processes
- With **IAM** I managed team members' access policies and permissions
- Implemented **Docker containerization** for microservices architecture
- Created and maintained **Dockerfiles** customized to project specifications
- Managed server configurations including **Nginx, Tomcat, and Apache HTTP Server**
- Configured complex **Docker networking** for internal and external communications
- Utilized multiple Docker network drivers
- Implemented **persistent volume management** for container data backup
- Developed **Docker Compose** files to automate microservices container deployment
- Utilized **multi-stage Docker builds** to optimize container creation
- Managed containers using Amazon EKS (Elastic Kubernetes Service) on AWS platform
- Administered user permissions and access controls
- Utilized **Helm** for repository automation and package management
- Developed infrastructure using Terraform for provisioning:
 - Three-tier EKS clusters
 - Virtual Private Clouds (VPC)
 - EC2 instances
 - Jenkins pipelines
- Implemented comprehensive AWS service configurations
- Managed IAM (Identity and Access Management) security protocols
 - Created and managed user accounts
 - Configured role groups and policies
 - Implemented Multi-Factor Authentication (MFA)
 - Generated and managed access keys and secret keys
- Administered S3 bucket storage and data lifecycle management
- Implemented cloud migration and backup strategies
- Designed and implemented network infrastructure
 - Created VPCs with custom subnet configurations
 - Configured Route 53 routing policies
- Established database solutions:
 - Deployed RDS for relational databases
 - Implemented DynamoDB for NoSQL database management
- Configured additional AWS services:
 - Route 53 for domain management
 - SNS for internal team notifications
 - SQS for queue management
 - CloudTrail for comprehensive logging
 - CloudFormation for infrastructure deployment

- Deployed and managed EC2 instances on Linux-based servers
- Primarily utilized CentOS as the primary operating system for EC2 instances

TECHNICAL SKILLS

Cloud Platforms: AWS, GCP, AZURE

IAC: Terraform Cloud Formation, Chef

Build Tools: Maven, Gradle

Container Orchestration: EKS, Kubernetes, GKE, helm

Containerisation: Docker, ECS, Fargate

SCM: Github, Gitlab, CodeCommit

CI Tools: Jenkins, CloudBuild, Github Actions, Gitlab CI

CD Tools: Jenkins, Argo CD

Config Management: Ansible, Chef, Puppet

Web Server: Apache Httpd, Apache Tomcat, Nginx, Caddy

Monitoring: Cloudwatch, Prometheus, Grafana

Storage: S3, EFS, Cloud Storage

Scripting Languages: Bash, Groovy, Golang, Python

Programming Languages: Python, C, C++, Javascript

Configuration Languages: JSON, YAML

Linux OS Distributions: Ubuntu, CentOS 7, Alma Linux, RHEL 8, Fedora, Alpine Linux

Databases(Relational): Mariadb, Postgresql, Mysql, Aurora

Databases(Non-Relational): MongoDB, DynamoDB

PERSONAL DETAILS

Full Name:: Sarang Shankarrao Wandile

Permanent Address: Near Maroti Mandir, Wandile House, At Pawnsar Tah Dist Wardha 442111

Current Address: 203, 1Ganesh Nagar, Purgrasta Vasahat Colony, Erandwane, Pune, Maharashtra 411004

Gender: Male

Marital Status: Unmarried