

Sarvadnya Jawle

DevOps & AWS Cloud Engineer

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Cloud-focused aspiring DevOps Engineer with a passion for seamless automated deployments. Proficient in Docker, Kubernetes, AWS, Terraform, Ansible, Prometheus, Grafana, and Jenkins CI/CD pipelines.

WORK EXPERIENCE

DevOps Engineer at Global Mobility Services

(Feb 2024- June 2024) Remote – USA Schaumburg, IL -6017

Projects:

1. AWS Cost Optimization Project: Delivering 56% Savings for Client

- achieving a **35% cost reduction**, by transitioning from on-demand to Spot instances.

- **optimizing costs by 15%**, by rightsizing instances

Identified and removed orphaned **EBS volumes**, saving more 6% cost reviews using **AWS Cost Explorer** and **AWS CLI**

2. Automated Python Application Deployment with Secure CI/CD Pipeline

- Employed a **multi-node architecture** with separate Jenkins agents for development and production servers, ensuring environment-specific configurations and deployments.

- Successfully deployed the CI/CD pipeline to both the development and production agents, facilitating seamless integration and delivery across different project stages.

3. AWS Network Configuration of VPC using Terraform

- Configured a Virtual Private Cloud (VPC) network setup using **Terraform** as the Infrastructure as Code (IaC) tool.

- Automated creating and managing resources like subnets, NAT gateways, route tables, and security groups within the VPC.

4. Automated GitHub-Jira Integration

- Streamlined Issue Tracking and Project Management with Python and Flask

- Implemented a system to automatically create Jira tickets from GitHub issues, enhancing workflow efficiency and project management in our organization.

PERSONAL PROJECTS

Secure and Automated Deployment of Netflix Clone using Jenkins CI/CD Pipelines on EKS Cluster

- Implemented a robust and secure CI/CD pipeline using Jenkins for automated deployment of a Netflix clone application, ensuring quality, security, and monitoring.

- Achieved high availability and scalability through deployment on an EKS cluster with Prometheus and Grafana monitoring.

- Configured Application Load Balancer (ALB) and ALB Ingress Controller for efficient traffic routing.

EDUCATION

BE (IT) | Smt. Kashibai Navale College of

Engineering | June 2021 - Present | CGPA: **7.6**

12th | JES College, Jalna | June 2019 – June 2021

| Percentage: **90.33%**

10th | C.T.M.K Gujarati Vidyalaya | June 2009

June 2019 | Percentage: **83.00%**

CERTIFICATIONS

MICROSOFT AZURE FUNDAMENTALS
(AZ-900)

CNCF Zero To Merge Incubulator

SKILLS

Programming Language: Python, Java.

Containerization: Docker, Kubernetes.

Monitoring: Grafana, Prometheus, AWS Cloudwatch

Cloud Provider: AWS

CI/CD: Jenkins, AWS-CodePipeline, Azure Pipelines.

IAC : Terraform, CFT, Ansible

VCS : Git, AWS CodeCommit

AWS : IAM, EC2,VPC, Route 53, S3 Buckets,

CLI, CodeCommit, CodePipeline, CodeBuild, CodeDeploy, CloudWatch, Cost optimization, ECR, ECS, ELB.

Team collaboration tools:

ServiceNow, CyberArc, Azure DevOps

LEADERSHIP

Event Management Head (Aug'2023 – Present)

Led event management team at Smt.Kashibai Navale College of Engineering, planning & executing successful events for diverse audiences, enhancing student engagement & college visibility (Aug 2023 - Present).

Evangelist (Dec'23 – Present)

Leading remote community engagement at Hack This Fall of 2024 as Evangelist

Cloud Native Day Pune Ambassador (Aug'23 -

Dec'23) - Led Cloud Native Day Pune community as Ambassador (5 months).

STRENGTHS

Adaptive, Troubleshooter, Continuous Learner, Documentation