

SARVADNYA JAWLE

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EDUCATION

Bachelor of Engineering - Information Technology

July 2021 - July 2025

Smt.Kashibai Navale College of Engineering, Pune, Maharashtra, India.

7.61/10 CGPA

WORK EXPERIENCE

Feb 2024 - June 2024

DevOps Engineer | Global Mobility Services | Schaumburg, IL (Remote, USA)

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

- Achieved **35% cost reduction** by **migrating 60% of on-demand EC2 instances to Spot instances** through detailed usage analysis and **Terraform** provisioning.
- **15%** through **rightsizing** based on **CPU and memory utilization metrics**, and saved over **6%** by identifying and **decommissioning orphaned EBS volumes** using AWS Cost Explorer and AWS CLI for efficient resource management.

AWS Network Configuration of VPC using Terraform.

- Configured and automated **VPC network infrastructure** using **Terraform** to manage subnets, NAT gateways, route tables, and security groups, significantly enhancing **scalability, security,** and **operational efficiency.**

Automated Python Application Deployment with Secure CI/CD Pipeline

- Employed a **multi-node** architecture with separate **Jenkins agents** for development and production, that reduced deployment failures & **reducing deployment time by 30%.**

PROJECTS

sarvadnya.tech | Docker, EKS, cert-manager, Let's Encrypt, Jenkins, SonarQube, Trivy, Prometheus, Grafana.

[link](#)
[Github](#)

- Containerized the application using **Docker** and deployed it on **EKS**, Used **cert-manager** and **nginx ingress controller** for issuing and managing TLS certificates via **Let's Encrypt** for secure HTTPS access. Implemented **Prometheus** and **Grafana** for real-time monitoring and visualization, alongside **Trivy** for security scanning and **SonarQube** for continuous code quality checks & **Jenkins CI/CD pipeline.**
- **AWS Ecosystem:** Architected a highly available infrastructure using **EC2** with **(ASG)** and a **VPC** across two availability zones. Deployed an **(ALB)** for traffic management and integrated **Route 53** for DNS, secured by **TLS** certificates from **ACM**, hosting the application on a custom domain(**sarvadnya.tech**). Automated resource provisioning using **Terraform**, ensuring repeatable, version-controlled deployments.

CERTIFICATIONS

- **AZ900:** Microsoft Azure Fundamentals

SKILLS

- Python, Java, Bash, AWS,Terraform, CloudFormation Templates (CFT), Ansible, Docker, Kubernetes, Jenkins CICD, AWS CodePipeline, Azure Pipelines, GitHub Actions, Prometheus, Grafana, AWS CloudWatch, Git, IAM, EC2, VPC, Route 53, S3 ,CodeBuild, CodeDeploy ELB, ECR, ECS, Cost Optimization, CloudWatch, ServiceNow, CyberArk, Azure DevOps

LEADERSHIP

- Event Management **Head**, HackThisFall24 **Evanglist**, CND Pune **Ambassador**

STRENGTH'S

- Troubleshooter, Documentation, Adaptive, Collaborative, Communication.