

CHALLA MADHAVARAO

DevOps Engineer

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CAREER OBJECTIVE:

Motivated Associate DevOps Engineer with hands-on experience in cloud computing, automation, and CI/CD pipeline development. Seeking to leverage technical expertise in AWS, containerization, and infrastructure as code to enhance operational efficiency and contribute to scalable solutions in a dynamic organization.

EXPERIENCE

DevOps Engineer at Prokopto Pvt.Ltd

2024/07 - Present

Certification

- AWS Certified Solutions Architect – Associate (SAA)

PROJECT:

Project Name: CI/CD Automation and Cloud Deployment

Role: DevOps Engineer

Description:

Led the development and implementation of a CI/CD pipeline and cloud infrastructure for Zingly, a customer support and lead interaction platform. The project aimed to streamline the integration and deployment processes, ensuring scalability, high availability, and seamless service delivery across multiple tenants.

Key Responsibilities:

- Configured Jenkins for automated code integration from GitHub, utilizing Maven for build automation.
- Designed and implemented Jenkins pipelines to build artifacts and create Docker images, followed by automated uploads to Docker Hub.
- Developed Ansible playbooks and roles for consistent and scalable deployment of Docker containers across multiple servers.
- Integrated Selenium testing within Jenkins pipelines to validate application functionality after deployment.
- Managed Kubernetes for container orchestration, creating deployment manifests and service definitions to ensure high availability and load balancing.
- Architected the platform's cloud infrastructure on AWS and Amazon EKS, focusing on resilient and scalable deployment.
- Implemented comprehensive monitoring using Grafana, ensuring high availability and reliability of services.
- Optimized features for managing virtual chat rooms and tenant-specific services like CRM management and Sales Intelligence, enhancing client engagement and satisfaction.

Technologies Used: Jenkins, Docker, Ansible, Kubernetes, AWS, Amazon EKS, Terraform, Grafana, Maven, Selenium.

TECHNICAL SKILLS:

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|---------------------------------|--|
| • Cloud Platforms: | Amazon Web Services (AWS) |
| • Automation Tools: | Ansible, Terraform |
| • CI/CD Tools: | Jenkins |
| • Containerization: | Docker, Kubernetes, Docker Swarm |
| • Version Control: | Git |
| • Monitoring Tools: | Amazon CloudWatch, Prometheus, Grafana |
| • Database Technologies: | AWS RDS |
| • Operating Systems: | Linux (Ubuntu, CentOS, Red-hat), Windows |

EDUCATION:

B.Sc. | Mathematics, Physics, Chemistry | Govt Degree college, Chodavaram | 2019 - 2023

LANGUAGES

- English
- Telugu