**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

**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:**

* + **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