MANIKANTA BURA

Technical Solutions Engineer - Devops

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Summary

I am a Technical Solutions Engineer with over 3 years of experience specializing in infrastructure engineering, product deployments, and automation for enterprise AI applications. I have a **strong proficiency in Docker, Kubernetes, Ansible,CI/CD and AWS**, focused on improving deployments and system reliability. My goal is to leverage my skills to create innovative solutions that drive operational efficiency and enhance system performance

Skills

Kubernetes · AWS Services Terraform Docker Ansible Git GitHub Datadog PagerDuty Python JIRA Shell Scripting EC2 · IAC · Microservices · PostgreSQL · MongoDB · CloudFormation · Cloud · S3 · Linux · Ubuntu · Helm · CI/CD · Monitoring · Alerting · Networking · Devops · Site Reliability

Key Achievements

◈ Deployment Optimization
Decreased deployment time by 30% through optimized CI/CD pipelines using GitHub Actions.

◈ Automation Implementation
Reduced manual errors by 25% with Python and Shell scripting automation.

◈ System Reliability Boost
Enhanced system reliability by 40% through Kubernetes cluster management and load balancing.

Experience

Uniphore Software Systems Pvt. Ltd
Bangalore
Technical Solutions Engineer
03/2023 - Present

Provider of AI-driven solutions for customer engagement and automation

- Deployed and maintained infrastructure using **Docker, Kubernetes (EKS), Ansible, and Terraform**
- Created and maintained **GitHub CI/CD pipelines** for application delivery and PostgreSQL idle connection cleanup
- **Managed Kubernetes clusters** with Helm charts and Ingress Controllers for load balancing and high availability
- Automated repetitive tasks using **Python and Shell scripts**, improving efficiency and reducing manual errors
- Integrated **Datadog and PagerDuty** for real-time monitoring and incident response
- **Administered PostgreSQL databases** for backend analytics and reporting
- **Collaborated cross-functionally** with teams and stakeholders via **JIRA** and DevOps tools to resolve production issues and gather deployment requirements
- Prepared **technical documentation** for deployments and operations

Uniphore Software Systems Pvt. Ltd
Bangalore
Graduate Engineer Trainee
01/2022 - 02/2023

Provider of AI-driven solutions for customer engagement and automation

- **Docker containerization** and Dockerfile optimisation for microservices
- Automated CI/CD pipelines using **Ansible Playbooks** for efficient application rollout
- Gained hands-on experience in **Linux system management and infrastructure troubleshooting**
- Built internal scripts and reporting tools using Python and shell scripting
- Implemented **log-level monitoring and alerting**
- Participated in DevOps training programs to stay updated with industry tools and practices

Education

Kakatiya University
Warangal, Telangana
Bachelor of Technology in Electronics and Communication Engineering
2021