

Akhil Mylaram

DevOps and Cloud Engineer

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Dedicated and results-driven DevOps professional with 3+ years of hands-on experience in optimizing and streamlining IT operations. Seeking a challenging role to leverage expertise in DevOps technologies and cloud infrastructure to contribute to a dynamic team.

Technical Skills

Cloud Technologies	AWS
Build Tools	Maven
Container Technologies	Docker, Kubernetes
Scripting	Shell and Python
Version Control System	Git, GitHub and Gitlab
Configuration Management	Ansible
Infrastructure as Code	Terraform
CI/CD	GitHub Actions, Jenkins and Argo CD
Operation System	Linux, Windows

Professional Summary

Sutherland Global Services, Hyderabad - DevOps Engineer
October 2022 – Present

- Contributed to the design and implementation of a multi-branch Jenkins CI/CD pipeline supporting diverse microservices, automating build, test, and deployment workflows across dev, QA, and production environments
- Strong experience in containerization of microservices architecture applications where I have containerized services of 3 development teams.
- Pioneered Kubernetes adoption in the organization, enabling microservices to be deployed with automated scaling, self-healing, and zero-downtime rollouts.

- Implemented infrastructure as code for the microservices and the Kubernetes infrastructure on AWS.
- Strong experience in AWS and AWS networking such as VPC, Load Balancing, Compute and IAM.
- Introduced version control best practices with Git, improving code collaboration and traceability. Helped teams with branching strategy and webhook configuration.
- Provided hands-on guidance and led knowledge-sharing initiatives to integrate development teams with Kubernetes platforms and CI/CD automation, streamlining cluster setup and deployment processes while empowering teams to independently manage and optimize their workflows.
- Resolved critical production incidents promptly, maintaining system availability and minimizing business impact.
- Received commendation for resolving critical AWS VPC issues, resolving peering problems for a development team.
- Experience working Route53 and hosted zones where I have orchestrated the route 53 and ALB integration for custom domain implementation in Kubernetes.
- Mastered Kubernetes Ingress and Implementation of Kubernetes Ingress for multiple micro services.
- Setup a terraform remote backend and locking mechanism for the organization using AWS S3 bucket and DynamoDB.
- Experience with terraform remote state management for multiple development teams

Sunera Technologies, Hyderabad - Site Reliability Engineer
September 2021 – September 2022

- Managed application uptime, middleware stability, and performance for all systems operating within our AWS infrastructure.
- Leveraged Dynatrace and the ELK Stack to monitor system performance, set up alerts, and proactively manage critical incidents.
- Supported deployment processes using Jenkins—troubleshooting issues, automating rollbacks, and streamlining release cycles.
- Collaborated with development teams to deploy microservices into Kubernetes using Unleash for controlled rollouts.
- Automated routine operational tasks with Bash and Python, significantly reducing manual intervention and improving response times.
- Partnered with cross-functional teams to implement health checks, scaling strategies, and continuous improvements to reduce MTTR.
- Conducted graceful shutdowns and restarts (bounces) of middleware services via WebLogic and AWS during scheduled windows, minimizing disruption and ensuring high availability.

- Performed daily sanity checks using AWS target groups and WebLogic consoles to ensure application servers were in a running state across all environments.
- Executed microservices deployments via Jenkins and Unleash, ensuring build consistency across SIT, Stage, and Prod, and verified deployments by comparing build versions across environments.
- Collaborated with development and QA teams to analyze and resolve JIRA tickets related to service failures, pod restarts, and API performance across multiple environments, reducing incident resolution time.
- Supported incident communication and shift handovers (HO) by documenting tasks performed, pending actions, and environment status for seamless SRE collaboration across shifts.

EDUCATION

Bharat Institute of Engineering and Technology — B.Tech

September 2016 – September 2020

Information Technology

HIGHLIGHTS

- Received Star of the Month award for proactively monitoring infrastructure using Dynatrace and ELK Stack, ensuring high site uptime and early detection of critical issues
- conducted knowledge-sharing sessions and presentations for new team members and cross-functional teams to promote awareness and understanding of DevOps best practices, tools, and workflows.
- Earned AWS Cloud Quest: Cloud Practitioner certification.
- Enthusiastic about AI-driven solutions, actively exploring a variety of AI tools to improve DevOps workflows and sharing insights with the team to drive innovation.