**Akhil Mylaram**

DevOps and Cloud Engineer ✉️ akhilmylaram123@gmail.com <https://www.linkedin.com/in/akhilmylaram/> 📱 +91 7702361461

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**

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| 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.