

AMIT MAURYA

AWS DevOps Engineer

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SUMMARY

Solution-oriented DevOps engineer with 1.5+ years of expertise in containerization, infrastructure automation, observability, and building delivery pipelines. A quick learner committed to efficient delivery, recognized for effective collaboration and a team-oriented approach.

PROFESSIONAL EXPERIENCE

Xenonstack Pvt Ltd, Mohali, India — *DevOps Engineer*

MARCH 2023 – JUNE 2024

SKILLS AND PROFICIENCY

Operating Systems: Ubuntu, Amazon Linux

Container Runtime: Docker, Containerd

CI/CD: Jenkins CI, GitLab CI, ArgoCD

Scheduling and Orchestration: Kubernetes

Application Package Management: Helm

Application Image Builder: Docker

Container Registry: DockerHub, Harbor, ECR

Configuration Management: Ansible

Infrastructure As Code: Terraform, Cloudformation

Observability: Prometheus, Grafana, CloudWatch

Cloud: AWS (Services: EC2, S3, EBS, EFS, ECR, EKS, IAM, VPC, CloudWatch, CloudTrail, Developer Tools, Lambda, RDS)

Code Analysis: SonarQube

Others: Bash/Shell Scripting, Python, Networking Concepts, Linux SysAdmin, Debugging Skills

PROJECTS

StreamGuard Deployment

DevOps Engineer

- Automating the deployment for HA applications that supports no downtime using CI/CD pipeline.
- Automated the process for uploading artifacts on Nexus for NodeJS applications.
- Supported on-call production, investigated technical issues, and provided concise team guidance.
- Designed and managed optimized application infrastructure, on-prem that will support no downtime for the applications and updated the Node Versions during the process of new deployment.
- Facilitated effective cross-team communication for seamless management.

XS Labs

DevOps Engineer and SRE

- Managed containerization services through Docker and Container Orchestration through Kubernetes.
- Managed SRE and DevOps support portal, set up GitLab CI/CD for deploying in-house apps on on-prem Kubernetes. Also handled troubleshooting for on-prem Kubernetes clusters.
- Successfully implemented cluster internal certificate rotation for on-premises cluster, enhancing security and maintaining system integrity.
- Managed Jenkins and GitLab repositories and permissions, including branching and tagging.
- Prepared documents on the operations activities – Process documents, technical documents

Observability for Platform

DevOps and SRE

- Established centralized observability across three clusters, streamlining monitoring and enhancing system oversight.
- Implemented log retention by integrating Prometheus with Grafana and Loki for efficient monitoring and data retention.
- Designed and implemented Grafana dashboards for visualization, enhancing data insights and system monitoring capabilities and website monitoring.
- Configured alert systems on Slack and Teams, ensuring timely notifications and effective communication for prompt issue resolution.

EDUCATION

Babu Banarasi Das University, Lucknow, India

AUGUST 2018 - SEPTEMBER 2021

Bachelor of Computer Applications