Saikiran Pattipaka

DevOps Engineer

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PROFESSIONAL SUMMARY

Dedicated and results-driven DevOps Engineer with 3+ years of hands-on experience at Amazon, specializing in **automation**, **CI/CD pipelines**, and **cloud infrastructure management**. Proficient in **AWS services**, **Terraform**, **Docker**, and **Kubernetes**, with a strong focus on optimizing system performance, scalability, and deployment workflows. Adept at cross-functional collaboration, problem-solving, and delivering reliable solutions in high-demand, production-grade environments.

SKILLS

Cloud Platform: Amazon Web Services (AWS) - EC2, IAM, S3, VPC, ELB, EBS, SNS, RDS, Lambda
CI/CD Tools: Jenkins, AWS CodePipeline, CodeBuild, CodeDeploy
Infrastructure as Code(IaC): Terraform, AWS CloudFormation
Scripting Languages: Python, Shell Scripting
Version Control Systems: Git, GitHub
Operating Systems: Linux, Windows
Containerization & Orchestration: Docker, Kubernetes, Amazon ECS, Amazon EKS
Configuration Management: Ansible
Monitoring & Logging: Prometheus, Grafana, AWS CloudWatch

EXPERIENCE

DevOps Engineer
Amazon - Hyderabad, India
October 2022 – Present

Team - CMT (Competitor Monitoring Team) | July 2023 - Present
- Automated deployment pipelines using **AWS CodePipeline, CodeBuild, CodeDeploy**, reducing release time by **30%**.
- Deployed and scaled **containerized microservices** with **Docker** and **Amazon EKS**, increasing system scalability and reliability.
- Implemented **EC2 auto-scaling**, **S3 lifecycle policies**, and **EBS cleanup**, resulting in approximately **20% cost savings**.
- Enhanced observability by integrating **Amazon CloudWatch** with custom metrics and automated alerting**,**
- Enforced security best practices by implementing **IAM role-based access controls** and automating secret rotation using **AWS Lambda** and **Secrets Manager.**

Team - (Centralized Time Keeping) | *October 2022 - July 2023*

- Managed core AWS infrastructure including **EC2**, **S3**, **IAM**, **VPC**, **RDS**, SNS, and **Lambda functions**.
- Built and maintained **CI/CD pipelines using Jenkins**, enabling consistent and automated application deployments.
- Deployed and configured monitoring tools like **Prometheus** and **Grafana** to track system performance and ensure high availability.
- Automated repetitive operational tasks using **Shell scripting**, including data transfers, log rotation, and scheduled backups.

CERTIFICATIONS

AWS Certified Solutions Architect – Associate
Amazon Web Services – Issued July 2025
[View Credential](#)

AWARDS & RECOGNITION

Received 2 R&R's Certificates from Amazon for exceptional contributions in:
- Cloud Cost Optimization (Jan 2024) *[View Certificate](#)*
- CI/CD Automation Improvements (Apr 2024) *[View Certificate](#)*

EDUCATION

Master of Technology(M.Tech) - EPS
Christu Jyothi Institute of Technology and Science – Jangaon, Telangana, India
January 2021 - August 2023