

Pavan Kumar Gadam

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PROFESSIONAL SUMMARY

DevOps and Cloud Engineer with hands-on experience in AWS infrastructure management, CI/CD automation, containerized deployments, and Linux-based production environments. Strong understanding of Infrastructure as Code, deployment pipelines, cloud networking, and system monitoring. Experienced in supporting multi-environment cloud architectures with a focus on automation, reliability, and operational stability.

TECHNICAL SKILLS

Cloud Platforms: Amazon Web Services (EC2, S3, IAM, VPC, CloudWatch)

Infrastructure as Code: Terraform, Infrastructure Automation

CI/CD Tools: Jenkins, Continuous Integration, Continuous Deployment

Containers & Orchestration: Docker, Kubernetes

Operating Systems: Linux (Ubuntu)

Monitoring & Logging: CloudWatch, Log Analysis, Alerting

Scripting & Automation: Python

Version Control: Git, GitHub

PROFESSIONAL EXPERIENCE

DevOps Engineer

Adyahr Business Services Pvt. Ltd.

Dec 2023 – Present

Hyderabad, India

- Managed AWS cloud infrastructure across development, staging, and production environments.
- Designed and maintained Terraform-based IaC templates for provisioning EC2, VPC, IAM, and networking resources.
- Implemented and maintained CI/CD pipelines using Jenkins to automate build, test, and deployment workflows.
- Containerized applications using Docker and managed image repositories and deployment configurations.
- Deployed and managed containerized workloads with basic Kubernetes exposure.
- Configured CloudWatch dashboards, log monitoring, and alert mechanisms for system observability.
- Performed Linux server administration, troubleshooting application deployment issues, and resolving infrastructure incidents.

CLOUD DEPLOYMENT PROJECTS

Containerized Full-Stack Application Deployment (AWS)

- Deployed backend application on AWS EC2 and hosted frontend on Amazon S3.
- Configured security groups to control inbound and outbound traffic.
- Containerized backend services using Docker and managed application updates.
- Implemented Jenkins pipeline for automated build and deployment workflow.

Full-Stack Web Application Hosting

- Hosted full-stack application on AWS infrastructure with database connectivity.
- Managed Docker containers and environment configurations.
- Monitored application logs and ensured stable deployments.

EDUCATION

Bachelor of Technology in Computer Engineering

Sreyas Institute of Engineering & Technology

August 2019 – August 2023

Hyderabad, India

CERTIFICATIONS & TRAINING

- Introduction to Jenkins (LFS167) – The Linux Foundation
- Python for Data Science – IBM Cognitive Class
- SQL (Intermediate) Certificate – HackerRank