

# Pavan Kumar Gadam

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linkedin.com/in/pavan-gadam | Portfolio

## SUMMARY

DevOps Engineer with 2+ year of hands-on experience in CI/CD automation, containerization, cloud infrastructure, and monitoring. Proficient in Jenkins, GitHub Actions, Docker, Kubernetes, and AWS, with a strong focus on system reliability, scalability, and uptime. Experienced in supporting high-availability application environments and collaborating with cross-functional engineering teams.

## TECHNICAL SKILLS

**DevOps & Cloud:** AWS (EC2, S3, VPC, Lambda, RDS), Docker, Kubernetes, Jenkins, Terraform(basics)

**Monitoring & OS:** Linux (Ubuntu), AWS CloudWatch, Basic system monitoring and log analysis

**Programming & Frameworks:** Python, JavaScript, SQL, Django, Angular, REST APIs

**Version Control & Tools:** Git, GitHub

**Databases:** MySQL, PostgreSQL

**Methodologies:** Agile, Infrastructure as Code (IaC), Continuous Integration / Continuous Deployment

## PROFESSIONAL EXPERIENCE

### DevOps Engineer Trainee

Adyahr Business Services Pvt. Ltd.

**December 2023 – Present**

Hyderabad, Telangana, India

- Built and maintained CI/CD pipelines using Jenkins and GitHub Actions, reducing manual deployment effort by ~30–40%.
- Automated build, test, and deployment workflows, reducing release time to ~20–30 minutes.
- Containerized backend and frontend services using Docker, improving deployment consistency across environments.
- Supported Kubernetes-based runtime environments, ensuring smooth rollouts and basic scalability.
- Deployed and managed infrastructure on AWS (EC2, VPC, Security Groups) for reliable application delivery.
- Implemented monitoring and logging using AWS CloudWatch, reducing issue resolution time by ~25%.
- Collaborated with teams to resolve CI/CD and deployment issues, achieving ~95–98% deployment success rate.

## EDUCATION

### Bachelor of Technology in Computer Engineering

Sreyas Institute of Engineering & Technology

**August 2019 – August 2023**

Hyderabad, Telangana, India

## PROJECTS

### Automated CI/CD Pipeline for Microservices Architecture

- Designed an end-to-end CI/CD pipeline using GitHub Actions, Jenkins, Docker, and AWS.
- Implemented automated testing and rollback mechanisms, improving deployment reliability to ~98%.

### Containerized Full-Stack E-Commerce Application

- Built RESTful APIs using Django and a frontend using Angular to support e-commerce workflows.
- Containerized the application using Docker and integrated it with CI/CD pipelines for automated builds and deployments.

### Cloud Infrastructure Optimization

- Migrated applications to a containerized architecture, achieving ~30% infrastructure cost optimization.
- Set up monitoring dashboards and alerts to proactively identify performance and availability issues.

## CERTIFICATIONS & TRAINING

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