

# PAVAN KUMAR GADAM | DevOps Engineer

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## PROFESSIONAL SUMMARY

DevOps Engineer with 2 years of hands-on experience designing, automating, and maintaining CI/CD pipelines, AWS cloud infrastructure, and containerized applications in production environments. Strong expertise in Docker, Kubernetes, Jenkins, Terraform (IaC), Linux, and automation using Bash and Python. Proven ability to improve deployment reliability, scalability, system availability, and incident resolution times. Experienced in collaborating with development teams to deliver stable, high-availability systems.

## EXPERIENCE

### DevOps Engineer Intern – Adyahr Business Services Pvt. Ltd., Hyderabad

Dec 2023 – Nov 2025

#### Key Contributions:

- Built and maintained Jenkins CI/CD pipelines, increasing deployment frequency by 70% and reducing failures by 40%.
- Containerized applications using Docker, reducing image size by 35% and improving deployment speed by 50%.
- Deployed and managed applications on AWS, maintaining 99% uptime while reducing cloud costs by 20%.
- Managed Kubernetes deployments, rolling updates, and scaling to improve availability by 30%.
- Monitored production systems using AWS CloudWatch and Linux tools, reducing incident resolution time by 45%.
- Automated operational tasks using Bash and Python, reducing manual effort by 40%.
- Collaborated with development teams to troubleshoot releases and improve deployment stability by 20%.

## TECHNICAL SKILLS

- Cloud & Infrastructure:** AWS (EC2, S3, RDS, VPC, Lambda), IaC (Terraform – basic)
- CI/CD & Automation:** Jenkins Pipelines, Git, GitHub, Python Automation
- Containers & Orchestration:** Docker, Kubernetes
- Monitoring & Logging:** AWS CloudWatch, Linux system monitoring, log analysis
- Operating Systems:** Linux
- Databases:** MySQL, SQL
- Development & APIs:** Python, Django, REST APIs, Angular

## PROJECTS

### Cloud-Deployed Full-Stack E-commerce Application – (Angular, Django, Docker, Jenkins, AWS) [\[Live\]](#)

- Deployed a production-ready Angular and Django application on AWS using Docker.
- Implemented Jenkins CI/CD pipelines to automate build and deployment workflows, reducing deployment time by 60%.
- Achieved 99% application uptime and improved API response time by 30%.

### Containerized Full-Stack Application Platform – (Angular, Django, Docker) [\[Live\]](#)

- Designed a multi-container Docker Compose setup to standardize development environments.
- Reduced environment setup time from 1 hour to 5 minutes, improving onboarding efficiency by 80%.

### Recipe Management System – (REST API's, Angular, Docker, Django)

- Developed 15+ REST APIs and optimized frontend performance, reducing load time by 35%.
- Increased user engagement by 25% through UI and performance enhancements.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

Aug 2019 – Jul 2023

Sreyas Institute of Engineering and Technology, Hyderabad

## CERTIFICATES

- Achieved Python for Data Science – IBM Cognitive Class [\[Link\]](#)
- Acquired SQL Course – Hacker Rank [\[Link\]](#)