

# PAVAN KUMAR GADAM

DevOps Engineer

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**Portfolio:** [PavanGadam](#)

## PROFESSIONAL SUMMARY

DevOps Engineer with 1.5 years of hands-on internship experience in automating deployments, building CI/CD pipelines, containerizing applications, and provisioning cloud infrastructure on AWS. Skilled in Docker, Kubernetes, Terraform, Jenkins, Git, Linux, and end-to-end deployment workflows for Angular and Python (Django) applications. Strong understanding of SDLC, troubleshooting, cloud operations, and production-ready automation. Passionate about building scalable infrastructure and improving delivery efficiency.

## PROFESSIONAL EXPERIENCE

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

(Cloud Automation | CI/CD | Containerization | AWS Infrastructure)

12/2023 – 05/2025

#### Key Contributions:

- Built CI/CD pipelines in Jenkins, reducing manual effort by 70% and increasing build reliability by 40%.
- Containerized applications with Docker, shrinking image sizes by 35% and speeding deployments by 50%.
- Deployed workloads on AWS EC2/S3/IAM, achieving 99% uptime and lowering costs by 20%.
- Managed Kubernetes deployments and rolling updates, boosting application availability by 30%.
- Used CloudWatch and Linux log analysis to identify and resolve issues, reducing incident resolution time by 45%.
- Improved build pipeline stability by debugging failures, increasing successful build rate by 50%.
- Automated repetitive operational tasks using shell scripts, reducing manual effort by 40%.
- Collaborated with cross-functional teams in agile sprints, improving delivery timelines by 20%.

## TECHNICAL SKILLS

- Languages:** Python Scripting
- DevOps Tools:** Docker, Linux, Kubernetes
- Cloud Platforms:** AWS (EC2, S3, RDS, Lambda, Cloudwatch Events), Terraform(Basics)
- CI/CD:** Jenkins Pipelines
- Version Control:** Git, GitHub
- DataBase:** MySQL, PostgreSQL
- Backend & Frontend:** Python, Django, REST Framework, Angular, JavaScript

## PROJECTS

### Cloud-Hosted Full-Stack App – (Angular, Django, Docker, AWS) [\[Link\]](#)

- Built and deployed a full-stack Angular–Django app on AWS using Docker and NGINX, reducing deployment time by 60%, achieving 99% uptime, and improving API performance by 30%.

### Containerized Full-Stack App – (Angular, Django, Docker) [\[Link\]](#)

- Developed a multi-container full-stack solution with Docker Compose, cutting environment setup time from 1 hour to 5 minutes, improving developer onboarding by 80%, and ensuring consistent builds across environments.

### Recipe Management System – (Angular, Django REST, MySQL) [\[Link\]](#)

- Built a recipe management app, delivering 15+ APIs, improving frontend load performance by 35%, and increasing user engagement by 25% through optimized UI and responsive components.

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

Sreyas Institute of Engineering and Technology, Hyderabad – July 2023

## CERTIFICATIONS

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