

# PAVAN KUMAR GADAM

DevOps Engineer

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## PROFESSIONAL SUMMARY

- DevOps Engineer with 1.5 years of experience in CI/CD automation, cloud deployments, containerization, and AWS-based infrastructure.
- Skilled in Docker, Kubernetes, Terraform, Jenkins, Git, Linux, and deploying Angular and Django full-stack applications.
- Strong in troubleshooting, SDLC workflows, cloud operations, and production-ready automation.
- Focused on building scalable infrastructure, improving delivery efficiency, and optimizing deployment workflows.

## PROFESSIONAL EXPERIENCE

**DevOps Engineer Intern – Adyahr Business Services Pvt. Ltd., Hyderabad**  
(Cloud Automation | CI/CD | Containerization | AWS Infrastructure)

Dec 2023 – May 2025

### Key Contributions:

- Designed and implemented Jenkins CI/CD pipelines, improving deployment efficiency by 70% and increasing build stability by 40%.
- Containerized applications using Docker, reducing image sizes by 35% and accelerating deployments by 50%.
- Deployed workloads on AWS (EC2, S3, VPC, IAM) to achieve 99% uptime while lowering infrastructure costs by 20%.
- Managed Kubernetes deployments and rolling updates, improving application availability by 30%.
- Utilized CloudWatch and Linux logs to diagnose issues, cutting incident resolution time by 45%.
- Enhanced build reliability by debugging pipeline failures, raising successful build rate by 50%.
- Streamlined operational workflows through shell scripting, reducing manual workload by 40%.
- Collaborated with agile teams across development and operations, improving delivery timelines by 20%.

## TECHNICAL SKILLS

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

## PROJECTS

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

- 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) [\[Live\]](#)**

- 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) [\[Live\]](#)**

- 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

Aug 2019 – July 2023

## CERTIFICATIONS

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