

# PAVAN KUMAR GADAM

DevOps Engineer

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## PROFESSIONAL SUMMARY

DevOps Engineer with 1.5 years of hands-on experience supporting cloud-based and containerized applications. Experienced in AWS infrastructure, Docker, Kubernetes, CI/CD automation, and Linux systems. Proven ability to improve deployment reliability, automate operations, and troubleshoot production issues while maintaining high system availability.

## EXPERIENCE

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

Dec 2023 – May 2025

#### Key Contributions:

- Built and maintained CI/CD pipelines using Jenkins, increasing deployment frequency by 70% and reducing build failures by 40%.
- Containerized applications using Docker, reducing image sizes by 35% and improving deployment speed by 50%.
- Deployed and supported applications on AWS infrastructure, maintaining 99% uptime while reducing cloud costs by 20%.
- Managed Kubernetes deployments, rolling updates, and scaling, improving application availability by 30%.
- Investigated production issues using Linux tools and CloudWatch logs, reducing incident resolution time by 45%.
- Automated repetitive operational tasks using Bash and Python scripts, lowering manual effort by 40%.
- Assisted with infrastructure provisioning and configuration using Terraform for AWS environments.
- Collaborated with development teams to troubleshoot release issues and improve deployment stability, shortening delivery timelines by 20%.

## TECHNICAL SKILLS

- Languages:** Python Scripting, JavaScript
- DevOps Tools:** Docker, Kubernetes
- Cloud Platforms:** AWS (EC2, S3, RDS, VPC, Lambda, Cloudwatch Events), Terraform(Basics)
- CI/CD:** Jenkins Pipelines
- Databases:** SQL, MySQL
- Version Control:** Git, GitHub
- Operating Systems:** Linux
- Backend & Frontend:** Python, Django, REST API's, Angular
- Other:** Incident response, deployment automation, networking fundamentals

## PROJECTS

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

- Deployed a production-ready Angular and Django application on AWS using Docker.
- Reduced deployment time by 60%, achieved 99% uptime, and improved API response time by 30%.

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

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

### Recipe Management System – (*REST API's, Angular, Docker, MySQL*) [\[Live\]](#)

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

## EDUCATION

### Bachelor of Technology in Computer Science and Engineering

Aug 2019 – July 2023

Sreyas Institute of Engineering and Technology, Hyderabad

## CERTIFICATES

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