Pavan Kumar Gadam

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https://linkedin.com/in/pavan-gadam | Portfolio

SUMMARY

DevOps Engineer with 2+ years 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   **December 2023 – Present**

Adyahr Business Services Pvt. Ltd.   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 a 95–98% deployment success rate.

EDUCATION

Bachelor of Technology in Computer Engineering   **August 2019 – August 2023**

Sreyas Institute of Engineering & Technology   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 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 -- Hacker Rank