

Amala Pasham

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PROFESSIONAL SUMMARY

Motivated and detail-oriented DevOps Engineer with expertise in implementing and managing CI/CD pipelines, cloud infrastructure, and automation tools. Adept at leveraging industry-leading technologies to streamline deployment processes and enhance system reliability. Seeking to contribute my skills and knowledge to a dynamic organization.

PROJECT EXPERIENCE

Title: CI/CD Pipeline Deployment with AWS

Description: Implemented an automated CI/CD pipeline to deploy reference source code to an Apache Tomcat web server using AWS services and DevOps tools.

Technologies Used:

- Version Control: Git, GitHub
- Build Tool: Maven
- Integration Tool: Jenkins
- Web Server: Apache Tomcat
- Infrastructure as Code: Terraform
- Cloud Platform: AWS
- Artifact Repository: S3

Key Responsibilities:

- Designed and deployed cloud infrastructure using Terraform.
- Automated the build and deployment pipeline with Jenkins.
- Configured a Jenkins master-slave architecture for improved performance.
- Set up and maintained a Tomcat web server for application deployment.
- Integrated Jenkins with Git for version-controlled builds.
- Utilized Maven to create deployable WAR files.
- Managed artifact storage and versioning using AWS S3.

- Deployed web applications using Jenkins freestyle jobs

Core Strengths

- Strong team collaboration & interpersonal skills
- Adaptable and flexible to dynamic work environments
- Effective communication and problem-solving abilities

Technical Skills

- **Version Control:** Git
- **Version Control:** Continuous Integration: Jenkins
- **Build Tools:** Maven
- **Configuration Management:** Ansible • **Containerization:** Docker
- **Container Orchestration:** Kubernetes (Basics)
- **Infrastructure as Code (IaC):** Terraform
- **Operating Systems:** Linux, Windows
- **Web Servers:** Apache Tomcat Cloud Platforms: AWS
- **Monitoring tool :** prometheus
- **Vm tool:**Grafana

AWS Services Expertise • Elastic Compute Cloud (EC2)

- Simple Storage Service (S3)
- Identity and Access Management (IAM) • AWS Command Line Interface (CLI) • Relational Database Service (RDS) • Cross-Region Replication
- Elastic Load Balancer (ELB)
- Elastic Block Storage (EBS)
- Virtual Private Cloud (VPC)
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EDUCATION

B.Tech in Electronics and Communication Engineering
Medak College of Engineering and Technology, 2015 | 71%

Intermediate (MPC)
Gurukrupa Junior College, Siddipet, 2011 | 60%

SSC
Z.P.H.S Duddeda High School, 2009 | 77%

DECLARATION

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

Place: Hyderabad
Name: Amala Pasham

Languages

• **English:** Proficient (Speak, Read, Write) • **Hindi:** Proficient (Speak, Read, Write) • **Telugu:** Proficient (Speak, Read, Write)

Hobbies & Interests

- Exploring emerging technologies
- Cooking and experimenting with new recipes