

N V V D MANIKANTA

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CAREER OBJECTIVE

Aspiring Cloud and DevOps Engineer with hands-on experience in cloud computing, automation, and CI/CD pipelines. Passionate about improving deployment efficiency, managing cloud environments, and implementing DevOps best practices. Seeking a role to contribute and grow in a dynamic environment.

EDUCATION

Bachelor of Technology in Computer Science & Engineering From JNTUK University with CGPA of 7.12	2024
Intermediate (MPC) From Prathibha Junior College with percentage of 8.63	2020
Secondary School Certificate From Srujana EM School with percentage of 9.2	2018

TECHNICAL SKILLS

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|---------------------------------------|--|
| • Operating Systems | : Linux (Ubuntu), Windows. |
| • Cloud Platform | : AWS (EC2, VPC, S3, IAM, RDS, Route 53,EBS, EFS). |
| • Version Control Systems | : Git, GitHub. |
| • Infrastructure as Code (IAC) | : Terraform. |
| • Configuration Tool | : Ansible. |
| • Continuous Integration | : Jenkins. |
| • Testing Tool | : SonarQube. |
| • Containerization Tool | : Docker. |
| • Orchestration Tool | : Kubernetes. |
| • Monitoring & Logging | : CloudWatch, CloudTrail, Prometheus and Grafana. |
| • Programming Language | : Python. |

PROJECTS

Three - Tier Architecture

- Designed and deployed a **Three - Tier Architecture** on AWS, utilizing EC2 for the web and application layers and RDS for the database.
- Configured Elastic Load Balancer (ELB) for traffic distribution and Auto Scaling for dynamic resource allocation.
- **AWS Services** – VPC, EC2, ELB, ASG, RDS.

CI/CD Pipeline Implementation

- Developed a **CI/CD pipeline** using Jenkins to automate the build, test, and deployment process.
- Integrated Docker for containerization and Kubernetes for orchestration, reducing deployment time by 30%.
- **Technologies Used** – AWS, Jenkins, GitHub, Docker, Kubernetes.

SOFT SKILLS

- Strong problem-solving & analytical mindset
- Effective communication and Team Collaboration.
- Adaptability to new tools and technologies

CERTIFICATIONS

- **AWS Certified Cloud Practitioner :** Strengthened my understanding of AWS services, cloud computing principles, and best practices, providing a strong foundation for cloud-based solutions.
- **AWS Cloud Quest :** The practiced on practical implementation by utilizing AWS services within a real-time project.

LANGUAGES

- English
- Telugu
- Hindi