

PAVAN REDDY CHEEDETI

DEVOPS ENGINEER

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PROFESSIONAL SUMMARY:

- A Cloud enthusiastic team player having around 2 years of experience in IT industry as a **DevOps/Cloud Engineer** with proven experience in involving cloud computing platforms like **Amazon Web Services (AWS), Continuous Deployment, Change/Release/Build Management, Linux System Support and Maintenance** in environments like Red Hat Enterprise Linux, CentOS and expertise in automating builds and deployment process using **Python** and **Shell scripts** with focus on **DevOps tools**
- Planned and worked on a hybrid cloud services program to leverage a **on-premises** cloud with public cloud services and from Cloud to Cloud such as **AWS to Microsoft Azure**
- Experience in DevOps tools such as **Maven, Jenkins, Ansible, Docker, Kubernetes, Terraform, SonarQube**.
- Good Experience with **AWS Cloud platform** and its features which includes **EC2, VPC, EBS, AMI, IAM, ELB, SNS, RDS, S3, Auto Scaling, Cloud Front, Cloud Watch, EKS** and experience in Cloud Automation using **AWS cloud Formation** templates to create custom sized VPC, subnets, NAT, EC2 instances, ELB and Security groups.
- Experience in **Kubernetes** to deploy scale, load balance, and manage Docker containers with multiple namespaced versions using **Helm charts**
- Deployed application which is containerized using **Docker** onto a **Kubernetes** cluster which is managed by Amazon Elastic Container Service for Kubernetes (EKS). Configured 'Kubectrl' to interact with Kubernetes infrastructure and used **AWS Cloud Formation Templates (CFT)** to launch a cluster of worker nodes on Amazon EC2 instances.
- Worked with **Terraform** key features such as Infrastructure as code, Execution plans, Resource Graphs, Change Automation.
- Experience in creating **Docker Containers** leveraging existing Linux Containers and AMI's in addition to creating **Docker Containers** from scratch.
- Automated configuration management and deployments using **Ansible playbook**. Experienced in developing **Ansible roles** and **Ansible Playbooks** for the server configuration and Deployment activities.
- Develop and deploy of **JAVA REST APIs** via micro-services using **Docker** and AWS ECS and followed Application Test Driven Development (ATDD) created test plans and code coverage tests
- Extensively worked with automation tools like **Jenkins** to integrate tools (Maven, git, Selenium, Docker, Ansible, Puppet, Chef, and **Kubernetes**) to accomplish the goal and notify the status of the build by creating and mailing the reports to the members of team.
- Wrote Terraform templates for AWS infrastructure as a code to build staging, production environments and set up build and automations for Jenkins.
- Excellent experience in writing **Jenkins file** using **groovy, python** and **shell scripts** to automate the process of daily monitoring, build and deployment activities.
- Proficiency in Multiple databases such as **Oracle, MYSQL, SQL Server, PostgreSQL and MongoDB**.
- Closely worked with development, QA and other teams to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.
- Organized and managed everyday administration tasks like adding and removing users, files, share permissions, trust management, replication management, Understanding the Demands of 24/7 System Maintenance server backups and server setups on LINUX.

EDUCATION AND CERTIFICATION

Bachelor's degree | **ANURAG University (CVSR)**

Graduated: [March, 2023], CGPA: 3.5/5

→ Certification

Certificate of Training (cloud Training program),

Learning Practice Of English Strokes (BRITISH COUNCIL),

Employability Skills Training (Mahindra PRIDE Classroom).

TECHNICAL SKILLS

- ★ **Cloud Platforms:** Amazon Web Services (AWS), Microsoft Azure.
 - ★ **AWS Services:** EC2, VPC, IAM, S3, RDS, EBS, AMI, ELB, SNS, CloudWatch, CloudFront, Auto Scaling, EKS, CloudFormation.
 - ★ **Containerization & Orchestration:** Docker, Kubernetes (EKS, Helm Charts), Amazon ECS.
 - ★ **Infrastructure as Code (IaC):** Terraform, AWS CloudFormation, Ansible.
 - ★ **CI/CD & Build Tools:** Jenkins, Maven, Git, GitHub, SonarQube, Nexus.
 - ★ **Configuration Management & Automation:** Ansible, Shell Scripting, Python Scripting.
 - ★ **Monitoring & Logging Tools:** AWS CloudWatch, Prometheus, Grafana.
 - ★ **Operating Systems:** Red Hat Enterprise Linux (RHEL), CentOS, Ubuntu.
 - ★ **Databases:** MySQL, PostgreSQL, Oracle, MongoDB, SQL Server.
 - ★ **Version Control & SCM:** Git, GitHub, Bitbucket.
 - ★ **Programming & Scripting Languages:** Python, Shell (Bash), Groovy.
 - ★ **Development & Testing:** Java (REST APIs, Microservices), Selenium, ATDD.
 - ★ **Networking & Security:** VPC, Security Groups, Load Balancers, NAT Gateway, SSL/TLS, IAM Roles & Policies.
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WORK EXPERIENCE

DevOps Engineer, Contract-based Assignment (Client: cognizant)

 NOV 2023 – SEP 2025

 Hyderabad

Responsibilities:

- Designed, deployed, and managed aws infrastructure (ec2, vpc, rds, s3, iam, elb, auto scaling) using cloudformation (yaml/json).
- Implemented ci/cd pipelines using jenkins, git, maven, and sonarqube for automated build, test, and deployment.
- Containerized and deployed microservices using docker and kubernetes (eks, helm) to ensure scalable application delivery.
- Automated infrastructure provisioning and configuration with terraform, ansible, and chef for consistent deployments.

- Integrated elk stack and new relic for centralized logging, performance monitoring, and proactive issue resolution.
- Managed hybrid cloud setup and migration from on-premises to aws, ensuring minimal downtime.
- Created python and shell scripts to automate routine operational tasks and backup processes.
- Maintained linux (rhel/centos) servers, ensuring security patching, performance tuning, and 24/7 production support.
- Implemented security policies and iam role-based access for user and application management.
- Collaborated with agile teams using jira and bitbucket to support devops workflows and release management.

LANGUAGES

- ◇ English
- ◇ Telugu

DECLARATION

I PAVAN REDDY, do hereby confirm that the above information is true to the best of my knowledge.

Place: Hyderabad

Date: 20-11-2025

PAVAN REDDY