# PRADEEP .P 🌟 Featured

Devops Engineer seeking roles in System Engineering,Linux Administration,System Administration,Continuous Integration,Business Requirement Analysis,Agile Methodology,Requirement Gathering,Postgres,Apache Tomcat,PAAS,Networking,NAGIOS,SAAS,Open Source

Current Designation: Devops Engineer

Current Company: Tech Mahindra

Current Location: Hyderabad / Secunderabad

Pref. Location: Bengaluru / Bangalore,Hyderabad,Pune

Functional Area: IT Software - Application Programming / Maintenance

Role: Software Developer

Industry: IT-Software/Software Services

Key Skills: Devops Engineer,Ansible,Docker,AWS,Jenkins,Linux,GIT,Github,SAAS,PAAS,Iaas,terraform

**Verified :** **Phone Number |** **Email - id**

Total Experience: 5 Year(s) 2 Month(s)

Notice Period: 1 Month

Highest Degree: B.Tech/B.E. [Electronics/Telecommunication]

Last Active: 21-Jan-21      Last Modified: 21-Jan-21

## Summary

?    Over 4 years of experience as a Dev Ops Engineer - Build and Release Engineer in automating, building, deploying, managing and releasing of code from one environment to other environment tightly maintaining Continuous Integration, Continuous Delivery and Continuous Deployment in multiple environments like (DEV/TEST/STAGE & PROD)
?    Familiar with open source technology stacks for IaaS, PaaS, SaaS and Infrastructure provisioning tool like Ansible.
?    Created Custom as well as used pre-written ansible Modules and playbooks, Worked and utilized ansible roles, ansible - facts, and global variables.
?    Had experience in Administration/Maintenance of source control management systems such as GIT, GIT HUB and build tools such as Maven.
?    Expert in configuring and maintaining Amazon Web Services which include services like AWS IAM, Users, Groups, Roles, Policies, EC2, S3, ELB, EBS, Auto-Scaling
?    Handful experience on continuous integration (CI) and (CD continuous delivery) using Jenkins.

## Work Experience

**Tech Mahindra** as Devops Engineer
Jan 2018 to Till Date

?    Launching Amazon EC2 Cloud Instances using Amazon Images (Linux/ Ubuntu) and Configuring launched instances with respect to specific applications.
?     Experience in Creating secured cloud infra using (VPC) for Staging and Development environment on AWS
?    Worked on AWS- EC2, S3, Glacier, Storage Gateway, Elastic Load Balancing, VPC, IAM, RDS, Cloud Front (CDN), Cloud Watch and Auto Scaling Service.
?    Automated deployment of customer environments using complex CloudFormation stacks to create assets in IAM, VPC, EC2, Route53, CloudTrail, Lambda, etc. while protecting business-critical assets from deletion via Stack Policies.
?    Involved in deploying the content cloud platform on Amazon AWS using EC2 and EBS.
?    Used ansible playbooks and tools to automate the cloud deployment and operations.
?    Automated repeatable processes and increased functionality by engineering Lambda functions that leveraged components including, but not limited to, S3, SNS and Cloud Watch.
?    Assisted in strict separation of permissions to least-privilege model using IAM roles and policies both within and across AWS accounts.
?    Worked with Service Delivery Managers, Operations team and clients to develop deep understanding of client needs as they related to cloud architecture and coordinated deliverables internally and among application vendors.
?    Understand client requirements, propose solutions and ensure delivery.
?    Bundle Instances - EBS & Instance store based, Snapshot of EBS.
?    Experience of designing and developing comprehensive Cloud Computing solutions on the AWS platform.

- ?    AWS monitoring, queuing & notification.
- ?    Architecture design with scalability and performance as primary objective.
- ?    Knowledge of Cloud Computing Architectures, Networking Topologies and Clustering techniques.
- ?    Monitoring health of Amazon EC2 instances and other AWS services.
- ?    User management e.g. creating and managing users in Redshift, S3 etc.
- ?    Help customers build scalable, resilient, and high-performance applications and services on AWS.
- ?    Develop/capture/document architectural best practices for building systems on AWS.
- ?    Custom monitoring metrics/analysis/alarms via Cloud Watch.
- ?    Configuring security groups and grouping the servers depending on the applications.
- ?    Enabling and disabling of inbound and outbound ports of security groups using AWS GUI.
- ?    Managing snapshots of Amazon EBS volumes or images of EBS backed EC2 instances manage backup sets with retention handling, or create snapshots and images.
- ?    Written customised Docker files and reused Docker files from Docker hub to build images out of it to launch containers for micro service based architectures.
- ?    Experience in managing Docker volumes.
- ?    Hands on experience in deploying multiple containers across different host machines by using the container orchestration tool Docker swarm.
- ?    Worked on Docker container snapshots, attaching to a running container, managing containers, removing images and managing directory structures.
- ?    Written Ansible Playbooks to provision several pre-production environments and several proprietary middleware installations.
- ?    Experience in using Nexus Repository Managers for Maven builds.
- ?    Worked with JIRA for creating Projects, assigning permissions to users and groups for the projects & Created Mail handlers and notification Schemes for JIRA.
- ?    Created branching & tagging strategy to maintain the source code in the GIT repository.
- ?    Supporting engineering plans and schedules by providing CM/Release Engineering services to build, deploy, develop scripts, oversee branch and merge strategies, and build automated tools as necessary to offer services to engineering team.
- ?    Work closely with development teams to integrate their projects into the AWS environment and ensure their ongoing support.
- ?    Converted and automated builds using Maven and Scheduled automated nightly builds using Jenkins.

**TCS** as System Engineer
Sep 2015 to Dec 2017

- *    Performed builds in Development and testing environments where Make to scripts are used to generate build packages for Development Environment.
- *    Automated CI pipelines in Jenkins using Shell scripting
- *    Implemented SCM policies by defining Release Management, Change Management, Version Management and deploying.
- *    Worked on Installation, upgrading Linux and windows servers.
- *    Experienced in trouble shooting the issues and escalating to the concerned teams.
- *    Worked on installation, configuration, support, optimization and administration of Windows-based servers and applications.
- *    Experienced in resolving issues arising from server side performance.
- *    Managed and monitored installed systems.
- *    Actively creating backups and automating through scripts.
- *    24/7 on-call support by participating in the on-call rotation.
- *

Environment: Git, Ant, Maven, Jenkins, Shell Scripting, Linux.

# Education

UG: **B.Tech/B.E. (Electronics/Telecommunication)** from **JNTUH college of engineering Jagityal, Karimnagar.** in **2013**

# IT Skills

| Skill Name | Version | Last Used | Experience |
|---|---|---|---|
| Jenkins, GitHub, Maven | | | |
| Ansible, Docker | | | |
| AWS | | | |
| Windows, Unix, Linux | | | |

| JIRA |
| Oracle, MySQL, Mongo DB postgres |
| Shell, Power shell |
| Cloud Watch, Nagios |
| Prometheus, grafana, |
| Terraform |

## Languages Known

| Language | Proficiency | Read | Write | Speak |
|----------|-------------|------|-------|-------|
| English | Proficient | | | |
| Hindi | Proficient | | | |
| Telugu | Proficient | | | |

## Affirmative Action

Physically Challenged: No

## Work Authorization

Job Type: Permanent

Employment Status: Full time