

**Chandrasekhar Reddy**  
**DevOps Engineer**

**Mobile: +91-9391630624**  
**E- Mail:chandureddy24365@gamil.com**

**PROFILE SUMMARY:**

Experienced professional with almost **3.6** years of IT experience as **DevOps engineer** includes Configuration Management, Automation of Java application builds, Provisioning the environments on Linux and windows, implemented Continuous integration and Continuous Deployment automation / Continuous Delivery process setup for monolithic and micro service application Environment.

Possess good understanding of the principles and best practices of **Software Configuration Management (SCM)** in agile scrum and waterfall.

Hands-On experience in Implement, **Build and Deployment of CI/CD pipelines**, managing projects often includes tracking multiple deployments across multiple pipeline stages (Dev, Test/QA staging and production).

Used **Ansible** for patching of Linux servers, Configuration deployments, code deployments and roll back. Experienced in Creating **playbooks and roles for Ansible** and deploying applications to **AWS cloud** using **Ansible**.

Knowledge on **Ansible** to provision the infrastructure on the cloud **AWS** services.

Involved in migration of servers from on-premises to **AWS environment**.

Infrastructure automation on cloud AWS using **Terraform**.

Involved in environment setup on **Development, QA, and UAT** environments and managed the automated deployments using scripts.

Experience in monitoring the environments and troubleshooting the issues on day to day number of application from the orchestration engine Jenkins.

Worked on **Jenkins pipeline** as a code model of setup and used groovy scripts to automate the pipeline setup.

Notable Experience on **Windows** and **Linux** environments.

Hands on experience on **AWS**.

Source control management on **GIT**. Managing Branching, Merging, Labeling/Tagging and Integration with CI tools.

Good interaction with developers, managers, and team members to coordinated job tasks and strong commitment to work.

Experience in installation and configuration application servers tomcat    Experience in source code management tool GIT.

Managed the build dependency issues, connectivity issues, authentication setup for different tools and resolving the access issues, mentoring the teams for best practice way of using the DevOps tools.

## Key Skills

Operating systems	Linux and Windows.
Cloud	AWS.
SCM Tools	GIT (GITHUB).
Build Tools	Maven.
CI Tools	Jenkins.
Scripting Languages	Shell Scripting.
Configuration Management tool	Ansible.
Application Servers	Tomcat.
Web Servers	Apache.
Development Methodologies	Agile and waterfall
Bug tracking tool	JIRA
Container technology	Docker.
Monitoring	AWS Cloud Watch.

## Organizational Experience:

Working in Accenture Services Pvt Ltd as a DevOps Engineer from June 2018 to till date.

## Professional Experience:

### PROJECT: VISA

Period: Jan-2020 to till date.

Team size: 5

Role: DevOps Engineer

### CONTRIBUTIONS:

- Environment Management and deployment automation, provision the infrastructure of windows and Linux environments. In addition, developing and supporting day to day release builds and deployments, improving existing infrastructure and services with upgrades, and consolidate existing tools.
- Experienced with cloud AWS EC2, VPC setup, instance setup, creating snapshots, AMIs, Elastic IPs
- Build, manage and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
- Designed CI/CD processes in the context of a Jenkins orchestration, including the usage of automated build, test/QA and deployment tools Configure jobs and pipelines using Jenkins.
- Experience on GIT activities like creating GIT branches, merging and granting access to users on different branches and maintaining the repository.

- Developing build and deploy tools to make smooth pipeline transition from Dev to Production.
- Upgrading Jenkins and deploy on Tomcat on the existing applications. Configuring LDAP authentication with the existing software structure (Jenkins).
- Implemented parallel deployment successfully on the Jenkins.
- Configured local Maven repositories and multi-component Ant projects with Nexus repositories and scheduled projects in Jenkins for continuous integration.
- Each Java application is automatically built, packaged and tested with Git hooks and then deployed to the various environments.
- Expert in deploying the build artefacts on servers like apache tomcat.
- After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build calendar.

**PROJECT / CLIENT:** Turkish, Period:

July-2018 to Dec-2019.

Team size: 3

Role: Configuration Engineer

**Description:**

The Turkish bank is revolutionizing mobile banking with the launch of iGaranti, the world's first socially integrated mobile banking site. Rather than a single mobile application, Accenture designed iGaranti as a series of applications that aggregates wallet, savings, loans and other applications, allowing users to customize their experience according to their needs.

Be live. iGaranti provides live updates and financial offers in real-time.

Be social. Users can send payments to friends through Facebook, send relevant offers across social networks, and redeem location-based shopping offers while on the move.

Carry a mobile wallet. Users can make in-store payments from multiple credit cards. iGaranti also allows users to securely pre-alert a bank machine to their arrival, eliminating the need for a physical card.

**CONTRIBUTIONS:**

- Created and Configured Jenkins jobs, security Jenkins and managed the deployments from Jenkins to different app servers.
- Complete tracking of release and verification on different environments.
- Raise change request and perform release analysis and dependencies.
- Maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files.

- Analyze and resolve conflicts related to merging of source control GIT.
- Implemented ant build scripts from scratch to build java / j2ee application and deploying to multiple tomcat instances.
- Administer the tomcat on windows and Linux environments.
- Worked closely with developers to pinpoint and provide early warnings of common build failures.
- Build Results are managed in Jenkins and deployed applications using post build activity.
- Managed the Release Communication and Co-ordination Process.
- Resolving/troubleshoot the build, deployment and environments issues.
- Good experience working with different teams (Dev, QA, Server teams, DBA, Infrastructure teams) to provide end-to- solutions for continuous delivery/integration of new and existing project
- Own full lifecycle of build system - from analysis, development, implementation and support of builds, and deployments.

#### **EDUCATION DETAILS:**

##### **B.Sc computers**

Rayalaseema University, Andhra Pradesh.

#### **DECLARATION:**

I hereby declare that the information furnished above is true to the best of my knowledge.

**Place:** Hyderabad

**Chandrasekhar Reddy**