**INDRASENA REDDY G**

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**DEVOPS ENGINEER**

# Career objective

To enhance my working capabilities, professional skills, business efficiencies and to serve my organization in best possible way with sheer determination and commitment.

# Overview

* Having 3+ years of experience as a **DevOps Engineer** with exposure to Software Configuration Management, Build and Release Management, continuous Integration and Deployment.
* Experience in DevOps Tools such as **Git, Ant, Maven, Nexus, SonarQube, Jfrog Artifactory, Jenkins, Docker** along with **Shell scripting** and **Linux.**
* Good Experience in Writing **Shell Scripts** to automate the several activities.
* Responsible for version control Management, Branching, Merging, and user group permissions.
* Installation and Configuration of Jenkins
* Automate the build process using continuous integration tools **JENKINS.**
* Creating new Build jobs, Plugins installation and management, setting up master/slaves using Jenkins.
* Experience in **JENKINS** to schedule a job as per the requirement, report monitoring and notification functionality to report success or failure.
* Creation of pipelines in Jenkins.
* Monitoring application servers and fixing issues if any**.**
* Expertise in trouble shooting the problems generated while building, deploying to production**.**
* Excellent knowledge of Application Lifecycle Management, change and release management.
* **Docker** - Creating Images and Containers, mounting and starting services.
* Work with various development teams to build and support automated builds, supporting daily continuous integration.
* Deploying the **Artifacts** into **Tomcat Application Server and Wildfly server**.
* Good experience on **Amazon Webservices** (**AWS**), Creating **EC2** Instances and configuring all necessary services like **S3** and **VPC**.
* Experience in Software methodologies like **waterfall model**, **Agile methodology**, successful in working with team for higher quality deliverables.
* Hands-on experience in creating and managing the various deployment and build platforms and deployment strategies.
* Deployed **ApacheTomact/wildfly applications** using Ansible.
* Written Ansible playbooks to automate our build/deployment process

**Educational Qualification**

* B. Tech **from** JNTU University.

# Professional Experience

* Working as DevOps engineer in **Tech Mahindra,** Bangalore from June 2015 to present.

**Technical Skills**

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| **Operating system** | Linux, Windows |
| **Scripting Tools** | Shell Scripting |
| **Languages** | Core Java |
| **Monitoring Tools** | New Relic |
| **Containerization** | Docker |
| **Application Server** | Tomcat, Wildfly |
| **Web Server** | Apache HTTP server |
| **Version Control Tool** | GIT, Gitlab, GitHub |
| **Continuous Integration Tool** | Jenkins |
| **Build Management Tools** | Ant, Maven,Ant |
| **Deployment Tools** | Ansible |
| **Bigdata P&S** | Hadoop (HDFS, HIVE, PIG, Sqoop) |
| **Cloud Environment** | AWS |
| **Ticketing Tool** | Jira |
| **Artifactory Repository Tools** | Nexus and JFrog Artifactory |

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| **PROJECT #1** | **: GG EDEL-RE** |
| **Client** | **: GOLDEN GATES** |
| **Team Size** | **:** 8 |
| **Role** | **:** DevOps Engineer |
| **Duration** | **:** Nov 2016 to present |
| **Environment** | **:** GIT, Jenkins, shell scripting, Jira, Tomcat, Docker, AWS, Maven. |

**Roles and Responsibilities:**

* Managing all phases of build and release activities, dependency management and deployment strategy.
* Managing product release deployment to the production environment.
* Creating and maintaining the development and release branches on **GIT**.
* Responsible for Creating, Deploying and Automating Build Process.
* Automating Build related tasks using scripting languages like Shell.
* Responsible for Creating Branching and Tagging.
* Maintain Dev. QA, UAT & Production environments, make sure they are always up and running
* Worked with Amazon AWS for some basic experiments for CI and deployments as well as some admin related activities.
* Having good experience on containerization tools e.g. DOCKER
* Used Maven for building the artifacts and administered the **Maven** Build scripts.
* Knowledge on Amazon Web Services (AWS), Creating EC2 Instances and configuring all necessary services.
* Involved in Build and Deployment activities.
* Involved in scheduling the automated build called Nightly Builds and Managing Daily Builds, Weekly Builds, Nightly Builds.
* Written Ansible playbooks to automate our build/deployment process.

**PROJECT #2:**

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| **Client** | **: VITALLIANCE(FRANCE).** |
| **Team Size** | **:** 10 |
| **Role** | **:** DevOps Engineer |
| **Duration** | **:** AUG 2015 – 2016SEP |
| **Environment** | **:** Shell Scripting, and GIT, Jenkins, and Tomcat. |

**Roles and Responsibilities:**

* Build, stage and release the software on the different test environments.
* Creating small shell scripts for deployment automation.
* GIT functions like branch and tag creation
* Troubleshoot application related issues
* Setup and Configuration of Jenkins CI tool for automated build process.
* End to end infrastructure support to the project, that includes coordinating with different teams and setting up their physical environment setup and supporting the same.
* Work closely with Development and QA teams on Build and Deployment issues  Experience In creating auto deployment setup in Jenkins for application teams.
* Troubleshooting the issues related to auto deployment Jenkins builds.
* Experience in creating shell scripts to proceed with the deployments in all environment.
* Experience in taking the backups in Jenkins using backup plugins.
* Experience in providing roles in Jenkins.

**DECLARATION**

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

**Place: Bangalore INDRASENA REDDY G**