## Sheshidhar Reddy

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**Experience Summary:**

* Having total 4.2 Years of experience in IT industry 3.5 Years of experience as a Devops Engineer such as configuration management, continuous integration, continuous delivery, deployment and continuous monitoring.
* Working experience on DevOps essential tools like **Git, Maven, Jenkins, Nexus, Docker, Kubernetes and Ansible** along with **AWS & Linux.**
* Experience in **Linux** Administration Installation, Configuration and Upgrades of Linux (**RedHat).**
* Experience in and demonstrated understanding of source control management concepts such as Git branching, merging, labeling and integration.
* Experience in building and deploying java applications and troubleshooting the build and deploy failures.
* Extensive experience in using Build Automation tools like Maven & Gradle.
* Experience in using Nexus and Artifactory repositories for the maven artifacts and dependencies.
* Experience maintaining CI environments with build automation tools like **Jenkins and extensively used Jenkins to streamline CI/CD process,** automated Master-Slave configurations using temporary slaves.
* Automate & monitor daily project development builds by using Jenkins.
* Good knowledge on managing and integrating code Quality tools like **SonarQube**, manage **sonar rules**, **Quality gates**.
* Used **JIRA** to track issues and change management.
* Managed **Ansible Playbooks with Ansible modules,** implemented CD automation using Ansible, managing existing servers and automation of build/configuration of new servers.
* Worked on infrastructure with **Docker** containerization and maintained Docker Images and containers.
* Good hands on knowledge in **Kubernetes** cluster, configuration, architecture and services.
* Experience in working on AWS and its services like **AWS EC2, IAM, VPC, S3,CloudWatch**
* Installing and configure **Terraform** and building the infrastructure using terraform.
* Good Knowledge and experience in using Nagios, Prometheus and Grafana for monitoring.
* Good interaction with developers, managers, and team members to coordinated job tasks and strong commitment to work.
* Working as Devops Engineer in Neskaa Cloud Solutions, from Aug 2020 to till date

**Employment Summary:**

* Worked as Devops Engineer in Wipro Techonologies, from December 2016 to July 2020.
* B.Tech (Electronics & communications) from JNTUA University in the year 2014.

**Educational Qualifications:**

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**Technical Skills:**

##  Operating Systems : Linux, Windows

Devops : Git, Maven, Jenkins, Nexus/Jfrog Artifactory, SonarQube.

Web services : Apache Tomcat

Configuration Management : Ansible

Containerization : Docker, Kubernetes

Cloud : Aws

Monitoring : Prometheus, Grafana and Nagios

 Shell Scripting : Bash Shell

**Professional Assignments:**

## Project #1

##  BHP (Broken Hill Proprietary)

 Broken Hill Proprietary’s rich history began in a silver, lead and zinc mine in Broken Hill, Australia. Incorporated in 1885, BHP engaged in the discovery, development, production and marketing of iron ore, copper, oil and gas, diamonds, silver, lead, zinc and a range of other natural resources. BHP was also a market leader in value-added flat steel products. Billiton became a global leader in the metals and mining sector and a major producer of aluminum and alumina, chrome and manganese ores and alloys, steaming coal, nickel and titanium minerals.

 **Roles & Responsibilities:**

* Responsible for versioning the source code, releasing binary files, creating and applying labels on source files and release files.
* Configured Git with Jenkins and schedule jobs using POLL SCM option
* Created Jenkins CICD pipelines for continuous build & deployment and integrated Junit and SonarQube plugins in Jenkins for automated testing and for Code quality check.
* Identify, troubleshoot and resolve issues related to build and deploy process.
* Responsible for installing Jenkins master and slave nodes.
* Configured multiple Slaves for Jenkins Master to distribute the load across all the machines.
* Connected continuous integration system with GIT version control repository and continually build as the check-in's come from the developer.
* Defined branching and merging strategies
* Used Maven as build tool on Java projects for the development of build artifacts on the source code.
* Worked on infrastructure with Docker containerization and maintained Docker Images and containers.
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using Kubernetes.
* Understanding and working knowledge of monitoring, alerting and logging frameworks such as Prometheus and Grafana.

## Project #2

##  CCE (Coca-Cola enterprise)

 Coca-Cola is a carbonated soft drink sold in stores, restaurants, and vending machines throughout the world. It is produced by the Coca-Cola Company of Atlanta, Georgia, and is often referred to simply as Coke (a registered trademark of The Coca-Cola Company in the United States since March 27, 1944). Originally intended as a patent medicine when it was invented in the late 19th century by John Pemberton, Coca-Cola was bought out by businessman Asa Griggs Candler, whose marketing tactics led Coke to its dominance of the world soft-drink market throughout the 20th century.

 **Roles & Responsibilities:**

* Responsible for Builds, Deployment of apps in to different Environment Support.
* Performing builds and deployments based on requests as well as schedules.
* Completely handled Builds, Packaging and Source Code for multiple products.
* Doing the day to day Build and deployments in pre prod and production environments.
* Setup and configuring jobs in continuous integration tools Jenkins for project builds.
* Creating repositories, new users for GIT, creation of new version controlled branches, troubleshooting version control tool errors.
* Configured Git with Jenkins and schedule jobs using POLL SCM option.
* Used Shell scripts to automate the deployment process.
* Monitoring and responding to problems reported on dashboard and email including generic build failures.

## Project #3

 **LP (Louisiana Pacific Building products)**

 Louisiana-Pacific Corporation, commonly known as "LP", is a United States building materials manufacturer. It was founded in 1973 and is currently based in [Nashville](http://en.wikipedia.org/wiki/Nashville%2C_Tennessee), [Tennessee](http://en.wikipedia.org/wiki/Tennessee). LP pioneered the U.S. production of [oriented strand board](http://en.wikipedia.org/wiki/Oriented_strand_board)  panels. Today, LP is the world’s largest producer of [OSB](http://en.wikipedia.org/wiki/Oriented_strand_board%22%20%5Co%20%22Oriented%20strand%20board),and manufactures [engineered wood](http://en.wikipedia.org/wiki/Engineered_wood) building products. LP products are sold to builders and homeowners through building materials distributors and dealers and retail home centers.

 **Roles & Responsibilities:**

* Providing L1/L2 support for Linux production and development servers in 24/7 supporting environments.
* Experienced on patches installation, patches upgrade on Red hat Linux servers by using RPM & YUM and Spacewalk.
* Managing the User and Group Administration of creating, deleting, locking and passwords reset.
* Monitoring System Performance of Virtual memory, Managing Swap Space, Disk utilization and CPU utilization.
* Good work experience on incidents and chnge management tickets depends on our organization SLA (Service Level Agreement) and priority levels.
* Scheduling of automatic repetitive Jobs with Crontab& at.
* Creating and Managing SWAP file system.
* Creating and deploying LVM, resizing the logical volume and volume group.
* Compression and Archiving- zip, unzip, Bzip, Gun zip, Tar

# Declaration

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

Place: Sheshidhar Reddy

Date: