# Shiva.G

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# Professional Summary:-

* Over 5 years of experience in IT industry comprising of DevOps and ASM.
* Extensive experience includes DevOps and **ASM.**
* Implementation of DevOps culture and practices, creating Docker orchestration by **Docker/Kubernetes** clusters, Docker Images, Jenkins CI/CD pipelines, GIT and automated deployments in AWS cloud.
* Worked on Amazon Web Services (AWS) infrastructure with automation and configuration management tools.
* Experience with versioning systems like SVN, **GIT** good understanding of various operations like **Branching**, **Merging** on the version control systems.
* Experience in **Build and Release Management** (**DevOps).**
* Good experience in creating packages using **MAVEN** builds tools.
* Sonarqube configuration and setup for code quality security purpose.
* Good experience in Administration of **Apache/Tomcat** Servers.
* Hands on experience in setting up and configuring, automating build process using

**JENKINS** Tool.

* Having Experience in **Linux** and Windows machines.
* Experience in **Deployment** activities.
* Provided deployment support for Pre-Production and production environments.
* Having experience on **TOMCAT** for release and deployment purpose.
* Very good understanding of build tools and aware of complete build process.
* Strong communication skills and interpersonal skills.
* Excellent analytical and problem-solving skills.
* Able to learn new technologies, concepts and business processes quickly and efficiently.
* Flexible to work on new technologies and ability to quickly fit into the team and take challenges as required.

# Technical Knowledge:-

**Operating system** : LINUX, Windows

## Version Control Tool : GIT

**Containerization** : Docker

**App Server** : Tomcat

**Build Tools** : Maven

**Scripting Tools** : Shell

**Ticketing Tools** : Jira

**Code Testing :** SonarQube

**Web Server** : Apache

**CM Tools** : Ansible

**CI Tools** : Jenkins

**Cloud Services** : AWS

**Monitoring** : Nagios

# Education:-

**B.Tech** in Electronics from JNT University, 2014.

# Employer Details:-

Currently working as a **DevOps Engineer** in **Acumen Cibersoft India Pvt.ltd.,** since Oct 2015 to till date.

# Professional Experience:-

## Project #3

**Client :** PNC BANK, New York, US.

**Duration :** Mar 2018 - Till Date **Role :** DevOps Engineer **Responsibilities:-**

* Create and manage custom applications for software deployment and tool integration using Jenkins.
* Installed and configured Jenkins, Creating new jobs in Jenkins and managing the build related issues.
* Create automated build scripts for code compilation and packaging.
* Creating CI/CD pipelines by integrating Git, GitHub, Maven and Jenkins.
* Managing source code trees, branches and tags for multiple repositories.
* Maintaining QA, Production environments i.e. make sure they are always up and running.
* Responsible for Maintaining/Administration of Git Version control tool.
* Monitor builds and provide proactive support to resolve any build issues.
* Sonarqube configuration and setup for code quality security purpose.
* Documenting all the build and deployment related issues.
* Written playbooks for Ansible web servers.
* Responsible for releases, doing builds and managing build system.
* Responsible for creating branches, merging and resolving merging conflicts.
* Debug build failures and worked with developers and QA personnel to resolve related issues.
* Established and implemented Change Control standards for different tasks.
* Involved in Installing Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Experience with working on Ansible to automate deployments.
* Generated shell scripts for build activities in different environments.
* Coordinated application release with Development, DBA, QA and project management teams.
* Managed Users and Groups in GIT and did troubleshoot client spec issues and user issues.
* Automated the deployment and server bounce process is by creating Shell Scripts on Tomcat servers.
* Extensive expertise in Scripting Languages such as BASH to automate the regular activities.
* Regularly built Jenkins builds and delivered to Art factory.
* Documented and maintained track of software solutions on Confluence.
* Provided highly durable and available data by using S3 data store, versioning, lifecycle policies, and created AMIs for mission critical production servers for backup.
* Used JIRA to keep track of all the ongoing tasks and maintain bug resolutions.
* Brought up VPC and enabled security features for instances.

## Project #2

**Client :** AT & T, New York, US. **Duration :** June 2016 – Feb 2018 **Role :** DevOps Engineer

**Responsibilities:-**

* Troubleshoot the real time production problems.
* Maintaining and Monitoring System or Security logs with Syslog.
* Providing support in QA, Performance and Production environments.
* Monitoring Systems & Applications with Nagios tool.
* Used GIT to access the repositories and used it in CI tools like Jenkins.
* Have automated many jobs in Jenkins using Shell Scripts &Ansible Playbooks.
* Have Implemented Successful Self-Service Portal for customers to provide quick support.
* Responsible for deploying various types of application packages including JAR, WAR and EAR files.
* Providing 24X7 Production Support for all the issues.
* Familiarized with Web Logic/JBoss console for deploying.
* Configuration, Tuning and Administration of Web Logic 10.3.0 and 11g and jBoss
* application server.

Configured Web Logic/JBoss

* Experience in setting up project baselines, branching strategies, merging and taking regular backups of the source code.
* application server as per the project requirements like Connection Pools, Data Sources.
* Provided support in QA, Performance and Production environments.
* Understanding the business requirements and attending the specification QA meetings/release Meetings.
* Created and maintained QA/UAT/LOAD TEST/Pre Production and Production environments.

## Project #1

**Client :** Delta Air Lines, Georgia(US)

**Duration :** OCT 2015 – May 2016

**Role :** DevOps Engineer

## Rational Clear Quest:-

Description: PNC Internet Services Group (ISG) is responsible for all online banking applications. The primary responsibility of ISG is to develop/enhance and maintain the PNC website.

Integration Engineering (IE) team is responsible to support all development teams with infrastructure related issues and provide them build and deploy support for lower environments. IE teams supports development and SIT environments.

## Responsibilities:-

* Experience in administration, maintenance of source control management systems, Such as Sub Version (SVN), GIT and Github.
* Strong knowledge on Administration and configuration activities on GIT.
* Worked as GIT administrator as part of my role and monitored the repository for Various issues.
* Handful experience on continuous integration(CI) and continuous delivery(CD) Using Jenkins.
* Responsible for creating Labels, jobs, nodes in Jenkins.
* Responsible for Software Configuration Management, Installing Software and Maintaining the Build Environment using Ansible.
* User management on various environments like test, dev and pre-prod using Docker.
* Configuring and maintaining Puppet master server, creating modules and Pushing them to puppet clients.
* Automation Deployments on to virtual instances and AWS cloud instances using Dockers and Kubernetes.
* Launching AWS cloud instances using Jenkins.
* Package managements and service managements on to multiple instances using Ansible.
* Extensive experience in using Build Automation DevOps tools like Gradle, Xcode, Maven and Jenkins.

## In-house Trainings Attended:-

* Build and Release workshop using Clear Case, Ant, and Cruise Control in 2010.
* Rational Clear Case Administration on Windows in 2011.

# Personal Profile:-

Father’s Name : SubbaRao.G

Gender : Male

Marital Status : Single

Languages known : English, Hindi and Telugu

I hereby certify that all the information provided above is true to the best of my knowledge and belief.

(Shiva.G)