

## Professional Summary:

IT Professional with 4+ years of experience, skilled at operating in wide range of platforms as a **System Admin & DevOps Engineer**.

- Hands on experience on Version Control Systems like **GitHub, Bitbucket**.
- Worked on build tools such as **Maven**.
- Efficient in working closely with teams to ensure high quality and timely delivery of **builds and releases**.
- Good experience on source controller concepts like **Branches, Merges and Tags**.
- Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments. Configuration, Administration of **Jenkins**.
- Good experience in web and Application servers like **Apache Tomcat Server**.
- Experience with Installation and Configuration of **Docker environment** including **Docker trusted registry** for managing different **Docker images** and **deployment** of applications inside the software containers.
- Implementing **Docker Swarm** services and developed **Networking** policies for Docker containers.
- Leverage **Docker volumes** for container backups.
- Experience in **Kubernetes**.
- Experience in writing **playbooks** in **Ansible**
- Experience in writing **Shell scripting** and having knowledge in **Python Scripting**.
- Experience in designing and deploying **AWS Services** using **EC2, EBS, S3, VPC, ELB, AMI, RDS and AKS**.
- Implemented and supported creating EC2 instances, S3 storage, Auto Scaling of instances and Cloud Watch Monitoring based on requirements.
- Good Hands on experience with **Linux**.
- Experience on **JIRA**.

## Professional Experience:

Working as a **Software Engineer** for **Genpact, Bengaluru** from sept 2016 to till date.

## Educational Details:

**BE** in (MECHANICAL ENGINEERING) from JNTU Anantapur in 2013.

## Technical Expertise:

<b>Scripting Languages</b>	: Shell, Groovy, Python
<b>Version Control Tools</b>	: SVN, GitHub, Bitbucket
<b>Build Tools</b>	: ANT, Maven
<b>Application Server</b>	: Apache Tomcat
<b>Artifact Tools</b>	: Nexus
<b>CI/CD Tool</b>	: Jenkins
<b>Container Services Tool</b>	: Docker
<b>Container Management Tool</b>	: Kubernetes
<b>Configuration Management Tool</b>	: Ansible, Chef
<b>Cloud Services</b>	: AWS

## Project Details:

### Project# 1:

<b>Client</b>	: COX Communications
<b>Role</b>	: Build & Release Engineer / DevOps Engineer

## Responsibilities:

- Managed to organizational standards by maintaining the source code in **GIT** for various applications. Creating and maintaining the development and release branches on **GIT**.
- Developed tools to capture and track build metrics on weekly and daily basis
- Successfully implemented the automated model for release planning, building, testing, and validation activities.
- Analyze and resolve conflicts related to merging of source code for GitHub.
- Defined branching and merging strategies.
- Automating build process for creating JAR/WAR artifacts using Maven.
- Using **Maven** as a build tool, I could automate the process of building artifacts.
- Supported and helped to create dynamic views and **snapshot** views for end users.
- Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
- Involved in installing **Jenkins** on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
- Configured **Nexus** with Jenkins for the backup purpose.
- Installation and Configuration of **Docker environment** including **Docker trusted registry** for managing different **Docker images** and **deployment** of applications inside the software containers.
- Automating the manual process if any, by writing the **Shell scripts**.
- Launching and configuring of Amazon **EC2** (AWS) Cloud Servers using **AMI's** and configuring the servers for specified applications.

## Project# 2

**Client**  
**Role**

**: Tesco PLC Retail**  
**: Build and Release Engineer**

### **Roles & Responsibilities:**

- Jenkins continuous integration server installation and configuration for all **GitHub** Repositories.
- Automating the Build process using **Git** and **Maven**.
- Configured Git with Jenkins and **schedule jobs** using **Poll SCM** option.
- Involved in installing **Jenkins** on a Linux Machine. And handling **Master** and **Slave** configuration to implement multiple parallel builds through a build.
- Automated application packaging and deployments.
- Automated the Build Process using **Jenkins** and handled complete Build and Release process including code, documentation and supporting testing team along with the server Administration.
- Managed staging and testing **environments**.
- Configured the Artifactory repo with **Jenkins**.
- Analyze and resolve conflicts related to merging of source code for **Git**.
- Wrote **Shell scripts** for build automation and deployment.
- Defined branching and merging strategies.
- Automating build process for creating JAR/WAR artifacts using **Maven**.
- Orchestrated Docker container cluster using **K8's** and **Docker Swarm**

### **Declaration:**

I solemnly affirm that, the information above is true to the best of my knowledge. Given an opportunity, iam confident in contributing to the pinnacles and progress of the organization in all dimensions.