

# Resume

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DevOps Engineer

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## PROFESSIONAL SUMMARY

- Having 3.5 years of IT experience as **DevOps Engineer** with exposure to Software Configuration Management, Build and Release Management, continuous Integration and Deployment as **Build and Release Engineer**.
- Experience on Installation of tools like **Git, Jenkins, Maven, Ansible, Docker** and **Tomcat** in Linux environment.
- Experience in Administration of source control management systems, such as **GIT**.
- Experienced in branching, tagging and maintaining the version across the environments using SCM tools like **GitHub**.
- Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all build and deployments.
- Extensive experience using **MAVEN** as build tools for the building of deployable artifacts (**War & Ear**) from the source code.
- Working Experience on **GitHub, Git, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining Jenkins build pipeline.
- Creating new Build jobs, Plugin's installation and management, setting up **Master/slaves** using Jenkins.
- Good Experience in writing **Shell scripts** to automate the several activities
- Experience of working with the release and deployment in **Java/J2EE** and Web applications environment.
- Experience in using **Nexus** Repository Manager for Maven builds.
- Expertise in deploying the code through web application servers **Apache Tomcat**.
- Good Experience in **Docker** like creating **Docker Images** and **Docker Containers**.
- Good knowledge on VPC **Network** concepts.
- Expertise in trouble shooting the problems generated while building, deploying to production.
- Amazon Web Services (knowledge in **AWS** services like **EC2, S3, EFS, VPC, ECS, EKS, Amazon Transfer Family, ELB, KMS, Autoscaling and IAM**
- Good experience on Database like **MySQL**.
- Having experience on code review tools like **SonarQube**.
- Good working Knowledge with **Agile** Product Development methodology.
- Participate in building the DevOps Platform using configuration management tool like **Ansible**.

- Primary responsibilities include Build and Deployment of the java applications onto different Environments like **Dev, pre-Prod, and Prod**
- Hands-on experience creating and managing the various development and build platforms, and deployment strategies.
- Learning and adapting new technologies, tools and a good team player working with project Managers, Team Leads, Developers, Testers.
- Experienced in deploying micro service application's using Docker Swarm, Creating clusters.
- Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
- Hands-on experience in writing Kubernetes YAML files in creating Pods, Services, Deployments, Daemon sets.

#### TECHNICAL SUMMARY (TOOLS)

Versioning Tools	GIT, GitHub and SVN
CI Tools	Jenkins, Bitbucket
Operating Systems	Windows, Linux, Unix
Database Language	MySQL
Build Tools	MAVEN
Scripts	Groovy Script
Cloud	AWS
App Servers	Apache Tomcat
Web Servers	Apache HTTP Server
Configuration Management	Ansible
Code Quality Tool	SonarQube
Infrastructure as a code (IAC)	Terraform
Monitoring Tools	Nagios, CloudWatch
Ticketing Tools	Jira
Container & container Orchestration Tools	Docker, EC2 Container Services, Docker Container Services, Docker Swarm.

#### Education Profile:

B.Tech (EEE) from JNTU(K) in 2014

#### Work Experience:

Worked in call center in Deepija Telecom Pvt Ltd 2015 to 2017

Worked as Medical Marketing field 2017 to 2019

Working as Cloud & DevOps Engineer for COMPUSOL software from JAN 2022 to JUN 2023

## PROFESSIONAL EXPERIENCE

### DevOps\_Engineer

Company: COMPUSOL Sft.

Client: Expedia One Loyalty

Description:

Expedia Inc. is an online travel agency owned by Expedia Group; an American online travel shopping company based in Seattle. The website and mobile app can be used to book airline tickets, hotel reservations, car rentals, cruise ships, and vacation packages. Expedia Inc.

Responsibilities:

- Building and setting up new development tools and infrastructure
- Involved in create/Enhance/automate build and deployment processes for each release and backup, restore and upgrade.
- Debugged build failures and worked with developers and QA personnel to resolve related issues.
- As a build engineer, worked towards automating build process by writing batch scripts Integrated delivery (CI and CD process) Using Jenkins.
- Provisioning of Amazon Web Services (AWS) and good knowledge of AWS services like EC2, AMI, S3, Auto scaling, Elastic Load Balancer (ELB), SNS and EBS

**Environment:** AWS, Ansible, docker, Jenkins, Git, Maven, Kubernetes and Terraform, Bash scripting

## **Project 1:**

### **Sears Ecommerce:**

#### **DevOps Engineer**

#### **Description:**

Project is about maintaining ecommerce website of Sears 24/7. As major part of Sears business is based on Ecommerce site should be available all the time. Our team job is to build and release code for deployment on appropriate servers to Deployment team. Site will be developed in 4 stages- Integration stage, testing (QA) stage, staging (advanced testing) stage and production.

#### **Responsibilities:**

- Jenkins continuous integration server installation and configuration for all GIT Repositories.
- Automating the Build process using Git and Maven
- Used Maven for building the artifacts and also administered the Maven Build scripts
- Configured Git with Jenkins and scheduled jobs using Poll SCM option
- 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 Linux staging and testing environments.
- Established coding standards and enforced them through automated tools SonarQube.
- Uploading the artifacts into Nexus repository.
- Educated team about continuous integration and automated testing practices and supported them throughout development.
- Configured Jenkins to implement nightly builds on daily basis and generated change log that includes changes happened from last 24 hours.
- Application/Web Server Log files analysis to troubleshoot application problems on application and web server side
- Analyze and resolve conflicts related to merging of source code for Git.
- Written Shell scripts for build automation and deployment.
- Experience with container-based deployments using Docker, working with Docker images, Docker Hub and Docker-registries and Kubernetes.
- Hands-on experience in writing Kubernetes YAML files in creating Pods, Services, Deployments, Daemon sets.

- Manual installation and configuration of Apache Tomcat and WebLogic Application Servers.
- Wrote Ansible playbooks to manage configurations and automate installation process.
- Defined branching and merging strategies.

**Environment:** AWS, Ansible, docker, Jenkins, Git, Maven, Nagios, Tomcat, Shell, SonarQube, Nexus, Kubernetes

## **Project 2:**

**Mapfre Insurance Company**

**DevOps Engineer**

### **Description:**

Mapfre is an US based insurance company. It is the leading insurance company in the largest non-life insurance company in Latin America. The Company purchased Webster, Massachusetts-based Commerce Insurance Group, a major

Provider of motor insurance, for over €1.5 billion in October 2007. MAPFRE was listed in the Fortune Global 500 list on its 2008 edition. In October 2010, MAPFRE acquired British travel insurance provider Insure and Go for an undisclosed sum.

### **Responsibilities:**

- Develop Build Scripts in Maven to Package Java Development Code to an install-able EAR
- Automate Continuous Build and Deploy Jenkins Continuous Integration tool.
- Branching, Tagging, Release Activities on Version Control Tools used Git.
- Installing and configuring Maven and Jenkins.
- Knowledge in Amazon Web Services environment and good knowledge of AWS services like Elastic Compute Cloud (EC2), and Knowledge on creating, deleting and updating the buckets in S3.
- Maintaining the source code in GIT for various applications.
- Monitor and fix the continuous integration builds running in Jenkins.
- Create users, groups and manage access controls in subversion.
- Deploying the WAR files in Tomcat Server.
- Deploying war and ear Applications for development.
- Troubleshoot Deployment issues in the Dev, QA and UAT environments

- Responsible for creating the branches and tagging the code.
- Designed and Implemented Continuous Integration process using tools like Jenkins.
- Monitor builds and provide proactive support to resolve any build issues.
- Participated in Branching and Merging using GIT.
- Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
- Modified Ant scripts to build the JAR's, Class files, WAR files from Github Maintenance of Ant, Shell scripts for safe builds and deploys.
- Maintaining Ant build.xml and properties files.
- Manage Build and Release requests using Jenkins.
- Handled Software Configuration management activities and fixing issues.
- Responsible for the set up and ongoing builds in Jenkins.
- Installing Plugins in Jenkins as per project requirements.
- Configuring Slaves in Jenkins.
- Configure job and pipelines using Jenkins.
- Helping Development teams automate the environment setup using tools like Ansible
- Learning and adapting new technologies, tools and a good team player working with project Managers, Team Leads, Developers, and Testers

**Environment:** Maven, Jenkins, GIT, Apache, Linux, Ansible, docker, Jenkins, Git, Maven, Nagios, Kubernetes

**Declaration:** I hereby declare that all stated in this form are true to the best of my knowledge and belief.

**Place:** Hyderabad

**Signature**

**Date:**

**Chinta Sri Sai Teja**