



# Sai Venkata Sarath

 sarathutti6711@gmail.com

 8977591610

## Summary

Working as a Software Engineer with 4.9+ years of Industry experience includes 3.6+ years of experience into DevOps Tools (automating CI/CD process, Configuration Management, Containerization, AWS Cloud Computing and different other DevOps Processes)

## Roles and Responsibilities

### DevOps Engineer

- o Having experience in maintenance of **Source Code Management** Tools/Versions. Version Control Systems like GIT/GitHub, SVN, Bitbucket, IBM RTC.
- o Experienced in building and packaging Java Application using **Maven** Build tool.
- o Deploying Artifacts as part of **Target Update** which includes Plugins and Features modifications into different Environments.
- o Experienced in deployment of Application in **Tomcat** server.
- o Experienced in Automating CI/CD Process using **Jenkins**.
- o Experienced in build and **Releases** to Production Environment.
- o Experienced in using Configuration Management by **Ansible and Chef**.
- o Installing, Configuring and Managing Jenkins, Maven, Tomcat, GitHub/GIT, Ansible and Docker.
- o Experienced in Setup of Amazon **EC2** instances, VPC and Security groups.
- o Having good knowledge in Amazon EC2 Technologies, **S3**, ECS, Autoscaling and Monitoring.
- o Return Scripts for Automation Deployment using Shell and Ansible.
- o Worked on different Operating Systems like RHEL, CentOS, Ubuntu.
- o Worked on Manual and Automation Deployment of Artifacts into **Nexus** Repository by Maven.
- o Having experience in **Linux** concepts like File Management Systems, Package Management (using YUM, RPM), User and Group Management.
- o Having good experience in **Slave Management** in Jenkins and Assigning roles for Users in Jenkins.
- o Having experience in Automating and Building a Java application, Deploying the Artifacts to different Environments.
- o Having good knowledge on Ant-Build tool.
- o Experience with Jenkins, AWS, Terraform and GIT as source control.
- o Having good knowledge on **SVN**.
- o Worked as Core Java developer with Wide Range of Debugging and Bug fixing skills.
- o Having good experience in **SDLC**, Waterfall and Agile Methodology.

## Skills

Operating Systems	Windows-7/8/8.1/XP/10, Linux-CentOS, Ubuntu
SCM Tools	SVN, GIT/GitHub, Bitbucket, IBM RTC
Build Tools	Maven, ANT, Gradle
CI/CD Tools	Jenkins
Servers	Tomcat Server
Configuration Management Tool	Ansible, Chef
Scripting languages	Shell Scripting, Python
Cloud Environment	AWS
Containerization	Docker
Load Balancers	Nginx
Code Quality Assurance Tool	SonarQube

Ticketing Tool	Jira, IBM RTC, Ticket Expert
----------------	------------------------------

## Experience

### DevOps Engineer

Datamatics Global Services Limited

Dec 2020 – Till Date

### Systems Analyst

Sonata Software Limited

Dec 2019 – May 2020 (6 months)

### Associate Software Engineer

CGI India

May 2016 – Dec 2018 (2 Years and 7 months)

## Education

### JNTUA

Bachelors of Technology, Electronics and Communications Engineering

2011 - 2015

## Projects

### XC-ECO (RBEI - Datamatics)

**Project Summary:** XC-ECO is a team which handles automation CI/CD, Deployment of 12 Products and its Production Releases and Bug Fixing Releases.

- Responsible for Gathering Source Code using GIT, RTC and Compiling and packaging using **Maven**.
- Executed branching strategy in RTC and **GIT** Code Conflict related to merging is done in RTC.
- Manual Deployment to **Tomcat** servers and **Nexus** Repository is done for some Products.
- Monitoring Nightly Builds and Product Builds every day and resolving if there are any build failures.
- Creation and Configuration of free style and pipeline builds in Jenkins.
- Worked on Target Updates through which plugins and features modifications will be deployed.
- Worked on Releases of Products to MAIN and Branch Streams with **Sprint Releases**, **HotFix Releases**.
- Build Configuration with the help of **Maven**.
- Manual and Automated deployment of artifacts into **Nexus**.
- Creating and assigning jobs to Slave for executing Jenkins Jobs.
- Configured pre and post build actions in Jenkins as part of Project Requirement.
- Attended in Sprint Meetings and Daily Scrum calls.

### ZURN (Sonata Software Limited)

**Project Summary:** ZURN is an American based manufacturing Industry which mainly concentrates on Water Supply Management System.

- Gathered Source code using GIT, SVN and compiling and packaging it in distributable format such as WAR, JAR... using **Maven**.

- Analyzed and resolved **conflicts** related to source code merging for **GIT**.
- Responsible for configuring JDK and Maven in Jenkins Nodes/Slaves.
- Responsible for creating and managing projects in Jenkins for various Environments like Development, UAT, QA and Continuous Integration with Jenkins.
- Written Pipeline script for automation of **CI/CD** process.
- Prepared and maintained build, release and deployment documents.
- Writing **Docker files** and creating **Docker Images**.
- Managing Docker containers and taking backup of the Docker Images and File Systems.
- Creating and Managing volumes and attaching/mounting it to containers.
- Written **Shell script** for taking backup of logs of a Tomcat Server.
- Creating **EC2** instances, adding **EBS** Volumes to EC2 instances.
- Cloning a repository from GIT/GITHUB and pushing it to the **CodeCommit** in AWS.
- Managing and maintaining User Accounts and Groups by **IAM**.
- Worked on **Ansible** for Configuration Management.
- Reports are collected from **SONARQUBE** for Quality Assurance.
- Actively participated in Build and Releasing the products.

## ADVANTAGE GROUP (CGI India)

**Project Summary:** Advantage is an ERP Project of American Government Bodies which includes Health, Education, Finance and several other Groups. As part of FIN-Maintenance we took care of Bug Fixing, Core Java based Code Fixing and Release and Build of several ADVANTAGE products.

- Having experience in Core Java Development with wide range of Debugging and Bug Fixing skills.
- Worked on SQL Database and Having knowledge in writing basic level Queries.
- Used Git and SVN as Source Code Management Tool, and taken care of **merge conflicts**, branching strategy.
- Well experience in building and packaging Java Applications using **Maven**.
- Good Experience in **Linux** concepts like File Management, Package Management (yum, rpm), User and Group Management.
- Worked on Amazon **EC2** technologies, **S3** and **Auto Scaling, Monitoring**.
- Static Web Hosting done in **S3 bucket**.
- Configured **CloudTrail** for storing Events/ Logs of AWS Account to S3 Bucket.
- Configuring slave machines for **Ansible**.
- Writing playbooks using YAML Script for performing Configuration Management using Ansible.
- **RPM, YUM** package management like installing, updating and uninstalling.
- Coordinating with Development, QA, IT operations, Database Administration to ensure that there are no conflicts.
- Worked on Tickets raised for several DevOps process which includes access, roles-based authentications, Build Failures and several other Ad-hoc activities.
- Periodically meeting and working with Enterprise Architects, Project Managers, Vendors, Developers to Design and implement Software Configuration Management Solutions.

