**Summary**

Working as a Software Engineer with 4+ years of Industry experience. Having 3+ years of hands-on experience on DevOps Tools (automating CI/CD Process, Configuration Management, Containerization, AWS Cloud Computing).

* Having experience in maintenance of Source Code Management Tools/Version Control Systems like **Git/GitHub, Eclipse Orion**.
* Experienced in building and packaging Java Applications using Build Tool -**Maven**.
* Experienced in Deployment of Application in **Tomcat Server**.
* Hands on Experience in automating CI/CD Process using **Jenkins**.
* Experienced in using Configuration Management tool-**ANSIBLE**..
* Good in installing, configuring & Managing of Jenkins, Maven, Tomcat, Git/GitHub, ANSIBLE, Docker.
* Having experience in Amazon EC2 setup instances, VPC’s & security groups.
* Having good knowledge in Amazon **EC2** technologies, **S3**, **ECS**, Auto scaling, monitoring.
* Written scripts for automating deployments using shell & Ansible.
* Having Experience on **Linux** & **Shell** Scripting.
* Having knowledge and experience on different Operating Systems like **RHEL**, **CentOS**, **Ubuntu**.
* Good understanding of **SDLC** (Software Development Life Cycle) Process.
* Having experience of Linux concepts like Managing File Systems, Package Management (using yum, rpm), User Management & Group Management.
* Having experience for automating building a Java application, deploying the artifact to different environments.
* Having knowledge on **J2SE**, **DBMS** (Oracle, MySQL).
* Having knowledge on Build Tool-**ANT**.
* Having knowledge on **SVN**.
* Having Experience in Core Java Development, worked as Developer with wide range of debugging skills and Bug Fixing.

**Technical Skills**

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| **Key** | **Value** |
| Operating Systems | Windows-7/8/8.1/xp/10, Linux-Centos,Ubuntu). |
| SCM Tools | Git/GitHub, Eclipse Orion |
| Build Tools | Maven |
| CI/CD Tool | Jenkins. |
| Servers | Tomcat Server |
| Configuration Management Tools | ANSIBLE |
| Scripting Languages | Shell Scripting, Python. |
| Cloud Environment | AWS. |
| Containerization Tools | Docker |
| Load Balancers | Nginx |
| Ticketing Tool | JIRA, IBM RTC |

**Education**

B.Tech(2015) from **JNTUA.**

**Experience**

Worked as **Associate Software Engineer (Build & Release Engineer)** for **CGI Information Systems & Management Pvt Ltd**, Bangalore from May 2016 to Dec 2018.

Worked as **Software Engineer (Build & Release Engineer)** for **Vengai Software Solutions**, Hyderabad from Dec 2018 to Dec 2019.

Worked as a **Systems Analyst (DevOps Engineer)** for **Sonata Software Limited** , Hyderabad from Dec 2019 to May 2020.

Working as **Devops Engineer** for **Datamatics Global Limited** from December 2020 till date.

**Roles and Responsibilities**

* Responsible for gathering the source code using Git and compiling and package it in its distributable format, such as a JAR,WAR,.. using Maven.
* Creating and managing source code branches as per our branching strategy in Git.
* Analyzed and resolved conflicts related to merging of source code for Git.
* Manual deployment to tomcat servers and Nexus Repository are done for some projects.
* Creation and configuration of new jobs and creation and configuration of slaves in Jenkins.
* Responsible for configuring JDK and Maven in Jenkins Nodes/Slaves.
* Creating and assigning jobs to Slaves/Nodes for executing Jenkins jobs.
* Responsible for creating and managing projects in Jenkins for various environments like development, QA, UAT and SIT and continuous integration with Jenkins.
* Installing and managing of plugins for Jenkins.
* Setting up automated build, packaging and deploying of n Java Application using Jenkins.
* Configured pre and post build actions in Jenkins as per Project Requirement.
* Written pipeline script for automating CI/CD process.
* Prepared and maintained Build, Release and Deployment Documents.
* Writing Docker files and creating docker images.
* Managing docker containers & taking backup of the images & Filesystem.
* For storing & managing the artifactory repository created Nexus Container.
* Creating & 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 for EC2 instances. Created AMI & Snapshots of Instance and its volumes.
* Configured Bastion Host in Public subnet and Applications in Private Subnet.
* Created target Group and Configured Load Balancer.
* Configured Autoscaling for automatically scaling of instances.
* Cloning a repository from Git/GitHub/BitBucket and pushing it to CodeCommit in AWS.
* Creating and Managing VPC, S3 Bucket.
* Managing and maintaining User Accounts and Groups by IAM.
* Configured CloudTrail for storing Events/Log of AWS account to S3 Bucket.
* Static Web Hosting Done in S3 bucket.
* Responsible for managing & maintaining Docker files, shell scripts,Ansible playbooks.
* Periodically meeting and working with Enterprise Architects, Project Managers, Vendors, Developers and Deployment Managers to define and implement a Software Configuration Management Solution.
* Configuring slave machines for ansible.
* Writing playbooks using YAML Script for performing Configuration Management activities using ANSIBLE.
* Creating and managing of roles in Ansible.
* RPM and YUM package management like installing, upgrading and uninstalling.
* Automated Build and Deployment process by using Jenkins & Maven for eliminating Manual work. And for some projects Deployment done manually.
* Coordinating with Development, QA, Database Administration, IT operations Teams to ensure that no resource conflicts.
* Attended sprint planning sessions and daily Sprint stand-up meetings.

**Declaration**

I hereby declare that the above furnished information is true.

Date:

Place: **Hyderabad U. Sai Venkata Sarath**