**Kishore Rayavaram**

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**Summary**

1. 4 Years of experience in the field of Software Configuration Management, Build, Release and Devops.
2. Good command on **ITIL, SDLC and Project Management** Process
3. Extensively worked with Version Control System **Subversion (SVN)**
4. Worked in branching, tagging and resolving merge conflicts besides basic user management
5. Good experience with **MAVEN, dependency management, profiles, maven-release plugin, parent POM** and more.
6. Experience with **Sonatype Maven Nexus repository** as internal repository to store artifacts
7. Used **Jenkins**, Continuous Integration tool extensively for automating Builds and deployments
8. Experience in deploying the artifacts to **Web servers** and **Application servers**.
9. Expertise in **Shell Scripting (bash)** and have basic knowledge on Python
10. Basic knowledge of **Oracle PL/SQL and DMLs**.
11. Hands on experience with **AWS** Cloud Services in **IAAM, EC2, EBS, VPC, AMI, ELB, Auto scaling**  and more.
12. Knowledge on provisioning tools like **Ansible**, **Chef**
13. Experience with **Docker** in creating custom Docker Images using Dockerfile
14. Good command on **Zabbix** monitoring tool, Responsible for installing and configuring it

**Educational Qualifications**

B.Tech. in Electronics and Communications Engineering completed from Nalanda Institute of Technolgy affliated to JNTU Kakinada.

**Tools and Technologies**

**CI Tools Jenkins**

**Scripting Shell Scripting**

**Application Server Tomcat, JBOSS**

**Operating Systems Windows, Ubuntu, Centos, RHEL**

**Monitoring Tools Zabbix**

**Build Tools Maven**

**Cloud Technologies AWS**

**SCM Tools Subversion (SVN), GIT**

**VM Tools VMware, Docker**

**Provisioning Tools Ansible, Chef**

**Work Experience**

Currently working as **DevOps Engineer** in **IBS Software**, Chennai from Apr 2014 to Till Date.

**Professional Experience**

**Client: IBS Software Role: DevOps Engineer**

**Location: Chennai Apr 2014 - Present**

**Role & Responsibilities:**

* Created repositories according to the structure required with branches and tags.
* Analyzed and resolved conflicts related to merging of source code in Subversion (SVN).
* Worked on branching and merging strategies required for Parallel development process.
* Implemented continuous integration using Jenkins.
* Configured plug-ins for the integration tool to the Version control tool.
* Integrated Maven and Sonatype with Jenkins for the builds as the Continuous Integration Process.
* Integrated Sonar to check the quality of the code by setting Quality Gates.
* Build Java code in different Jenkins servers as per the schedule.
* Involved in installing Jenkins and created Master and Slave configuration to implement multiple parallel builds.
* Co-ordination with the cross functional teams including QA, Development, Project and Program managers.
* After the successful completion of build, verifies whether the artifacts are generated correctly.
* Automated the deployment of artifacts to various environments DEV, QA, UAT using Ansible Playbooks.
* Deployed the artifacts to Tomcat and JBoss Servers. Tomcat for Static Content & JBoss for Dynamic Content
* In charge for maintenance of DEV, QA and UAT environments in AWS VPCs.
* Configured EC2 instances, Load balancer, Auto Scaling/Shrining, Security Groups, IAAM for authentication, Cloud watch for monitoring.
* Automating the infrastructure/ environment provisioning as using Ansilble Playbooks for an other ancillary application that supports the primary application
* Setting up and maintaining monitoring & alert systems for servers.
* As a POC I setup Zabbix for the DEV and QA environments but still not migrated from Nagios monitoring Tool.