**DevOps Resume**

**Kesanna K**

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### Professional Summary:

* Having 3.3 years of IT experience as a **Software Configuration Management**, **Build and Release Engineer**.
* Having good experience on version control tools as CVS, Subversion (**SVN**), and **GIT**.
* Implemented recommended Branching strategies in SCM utilization.
* Create and establish build process using **Apache ANT** & **Maven** to perform builds efficiently and deployment of the application using **Tomcat**, **Jboss**.
* Using **Nexus** as an Artifactory management for maven developed Builds.
* Hands on experience on continues integration tool **Jenkins**.
* Good knowledge on pipeline job configuration in **Jenkins**.
* Create & maintain environment & tools to automate build/release activities.
* Implement the Release Engineering process to support on-going releases and Create/maintain release documentation.
* Hands on experience on Jenkins for continuous integration and build system.
* Creating **Nightly** and **Daily** builds in every environment.
* Having good experience on creating nightly builds using **Cron tab.**
* Understanding of software development lifecycle and exposure to **AGILE** methodology.
* Coordinate with the Development/Test Teams to receive the correct versions of re-usable and dependent components for issuing/installing successful builds and making it ready for the Release on time.
* Manage build source tree including branching and merging. Deploy, configure and manage test runtime environments.
* Good Experience in Linux, Shell Scripting.
* Promoting code from one environment to another environment.
* Experience in Linux, Windows operating systems.
* Good knowledge on **AWS** like launching instances using EC2 and S3 buckets, ELB, EBS,IAM,AMI.
* Having good knowledge on containerization tool like Docker and Docker volumes.
* Having good experience on configuration management tools like Rundeck and basic knowledge on Chef and Ansible.

**WORK EXPERIENCE**:

* Working in Digital Harbor Pvt Ltd from May’2016 to till date.

**EDUCATION:**

* B.Tech from JNTU University, Ananthapur

**SKILL SET:**

**Build tools :** ANT, Maven

**Continuous Integration Tools :** Jenkins

**Application Server :** Apache Tomcat, Jboss

**Web Servers :** Apache Web server

**Version Control Tools :** SVN (Subversion), GIT

**Bug/ Project Tracking Tools :** BMC Remedy, ServiceNow

**Scripting :** Shell Script

**Code Review Tool :** Sonarqube

**Artifactory Management tool** **:** Nexus, Jfrog

**Operating Systems :** Windows, Linux

**Cloud Technologies :** AWS

**Major Assignment executed:**

**Project#1:**

**Project : CIGNA**

**Duration : Aug 2014-Till Date**

**Role : DevOps Engineer**

**Environment : Jenkins, GIT, ANT, MAVEN, Nexus, Linux, Sonarqube, Windows, Shell, ServiceNow, Apache Tomcat**, **Ansible.**

**Description:**

Cigna is an American worldwide health services organization. It works with employers and organizations around the world helping employees stay healthy and on the job. We work closely with brokers and consultants to develop innovative programs, help individuals and families improve their health, well-being and sense of security—and lower their medical costs. And, Cigna provides access to a global network of local physicians and hospitals—as well as 24/7/365 live customer service.

**Roles &Responsibilities:**

* Automate jobs using CI/CD Pipeline.
* Creating War/Ear files using Ant Script
* Integrated Maven with GIT to manage and deploy project related tags
* Worked on Nexus installation, integration and artifact management.
* Maintaining Nexus as a Mirror repository for Maven created Builds.
* Performing DevOps for Linux and Windows platforms with varies open source tools.
* Involved in Branching, Tagging of code delivery at required releases.
* Involved in scheduling the automated build called Nightly Builds.
* Responsible for Branching and merging the code as per the schedule.
* Used ANT and MAVEN as a build tool son java projects for the development of build artifacts on the source code.
* Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
* Implemented Continuous Integration, Nightly, Branch Builds according to application releases using JENKINS.
* Interacted with supporting teams to understand client deployment requests.
* Communicating with developers for build plan and build failures.
* Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Reported to a DevOps Manager, who will coordinate with teams outside of the development group.
* Interacting with developers to sort out issues related to Build Automation
* Managing/Tracking the defects status using BMC Remedy.
* Performing Jenkins jobs on node management.
* Involved in Migrating applications to the AWS cloud.
* Co-ordination with other team members to resolve the Issue.
* Promoting code from one environment to other environment.

**Project#1:**

**Project : Ingram Micro, USA**.

**Duration : Aug 2014-Till Date**

**Role : Build and Release Engineer**

**Environment : Jenkins, GIT, ANT, MAVEN, Nexus, Linux, Windows, Shell, BMC Remedy, Apache Tomcat, Rundeck.**

**Description:**

Ingram Micro Inc. is the world's largest technology distributor and a leading technology sales, marketing and logistics company. As a vital link in the technology value chain, Ingram Micro creates sales and profitability opportunities for vendors and resellers through unique marketing programs, outsourced logistics services, technical support, financial services and product aggregation and distribution.

**Roles &Responsibilities:**

* Checking of logs and events on the production servers to troubleshoot issues.
* Provide support to clients over the phone or email regarding the tickets.
* Creating CI/CD pipelines by integrating Git, GitHub, ant, maven, Jenkins.
* DevOps Engineer for a team that involved different development teams and multiple simultaneous software releases and efficient two way code synchronization every day, Build, release & Test accordingly. Installed and configured Git & SVN.
* Developed and implemented Software Release Management strategies for various applications according to the DevOps process.
* Imported and managed multiple corporate applications into Git.
* Building and implementing new projects builds framework using Jenkins & Maven as build framework tools as Continuous Delivery framework using Jenkins, Ansible and Maven in Linux environment.
* Responsible for the Plug-in Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* Building and deploying scripts using Maven as build tool in Jenkins to move from one environment to other environments.
* Worked in editing and managing the existing Maven files in case of errors or changes in the project.
* Efficient in Maven for the build process and Jenkins as continuous integration build tool and worked on build failures on trouble shooting.
* Installed/Configured/Managed Jenkins CI Automation.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Setup monitoring of environments using tools like Nagios and AWS Cloudwatch.
* Installation of GIT and Jenkins on private cloud.
* Automating daily tasks using bash scripts.
* Configuring multiple servers using Ansible playbooks

**DECLARATION**

Date:

Place:

( Keshava )