**MANOJ K**

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**SCM/Build and Release/DevOps Engineer**

**Career Objective**

Seeking a progressive and challenging work environment which promises sample learning scope, growth opportunities and which utilizes my skills and enthusiasm to make a valuable contribution to the organization.

**Professional synopsis**

* Working as Devops Engineer in Mind Tree, Banglore from November 2015 to Till Date.
* Total Experience of 3+ Yrs as a Devops Engineer, Build Deployment and Configuration Management (Release Management).

**Key Responsibilities**

* Administration various environments in software development life cycle (SDLC) Windows, Linux.
* Experience on different Source control systems like SVN, Git and Git Hub.
* Strong knowledge on source controller concepts like Branches and Merges.
* Experience on building and deploying Java web applications in Nexus repository.
* Hands on experience with Maven build tool for writing pom.xml files respectively.
* Good exposure of Agile development methodology in designing and implementation of Continuous Integration and Delivery (CI/CD) methodology.
* Hands-on expertise in DevOps/Continuous Integration-Continuous Deployment tools, like Jenkins, Maven, Git etc.
* Experience on Pipelines in Jenkins using build Pipeline and code as a pipeline and worked on master-slave nodes.
* Having Experience in creating Custom Docker images using Docker file and Knowledge over Docker swarm, Docker volumes.
* Experience on Wrote Dockerfile and build Docker images.
* Hands on Experience with core concepts such as setup, Inventory, Playbooks, Roles, Tasks and Modules in Ansible.
* Experience supporting Ansible environment with multi servers and involved in developing manifests.
* Configured Ansible and wrote playbook to setup nginx and tomcat.
* Hands on experience Amazon Web Services (AWS), Creating EC2 Instances and configuring all necessary services.
* Good knowledge on Managed Amazon Web Services like EC2, S3 bucket, EBS, VPC, Auto-Scaling.
* Worked closely with Development, QA, and Performance and UAT teams to solve complex build and deployment process through all the phases of the development.
* Maintaining track of various releases and deployments performed for client.
* Excellent communication, team membership and relationship management skills.
* Responsible for 24\*7 supporting severity incident with the flexibility of being available on call.

**Educational Qualifications**

* B .Tech Electrical And Electronics Engineering from JNTU Anantapur 2015.

**Technical Skills**

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| --- | --- |
| **Version Control Tools** | SVN, Git ,GitHub |
| **Build Management Tools** | Maven |
| **Application Servers** | Apache, Tomcat |
| **Continuous Integration Tools** | Jenkins |
| **Continious Code Scanner** | SonarQube & Sonar Scanner |
| **Cloud Services** | AWS( EC2, S3 bucket, EBS, ELB, Auto-Scaling ) |
| **Containerisation Tools** | Docker, VM Ware |
| **Configuration Management Tools** | Ansible, Chef(Basics) |
| **Ticketing Tool** | Jira |
| **Storage Tool** | Nexus |
| **Scripting Tool** | Shell Scripting |

**Projects Summary**

**Project:#1**

**Project Name : Online Schooling**

**Client : Scholastic Corporation (U.S)**

**Designation : DevOps Engineer**

**Environment :** Linux, Git, Maven, Jenkins, Docker, Ansible, Shell- Script

**Duration** : From Sep 2017 to Till date.

**Description:**

Online Schooling is mainly designed for the Students who want to learn educational videos, documents, materials and online classes. The Online Schooling is divided into three zones. In that LP (literacy Pro) is the first zone for the Assignments and other Activities. The School Learning is the second zone for the online classes. The Third zone like LPB (literacy prone library) has Materials, documents and videos for learning the online courses.

**Roles and Responsibilities:**

* Creating CI/CD pipelines by integrating Git, Jenkins, Maven.
* Created and Maintained GIT Branching, Merging and tagging across each production releases and perform builds using CI using maven build scripts.
* Involved Setup and configuration of Tomcat, creating multiple instances of Tomcat.
* Responsible for taking the source code and compiling using MAVEN and package it in its distributable formats such as JAR, WAR and EAR.
* Extensively worked on Jenkins to implement End to End automation with all build and deployments.
* Installed and Managed Jenkins for CI and Sharing Artifacts respectively within the company
* Associating with Build & Release team to setup Jenkins server & nodes for distributing the Jenkins jobs.
* Created EC2 instances from AWS console and configured Elastic Load Balancers.
* Worked on creating the Docker containers for managing the application life cycle.
* Involved Push the Docker images to Docker hub.
* Developing Docker images to support Development and Testing Teams and their pipelines.
* Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven.
* Installing, configuring and maintaining Continuous Integration like Jenkins, Write Playbooks to maintain configurations according to client requirements.
* Writing Modules to automate infrastructure using Ansible.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.

**Project#2 :**

* **Project Name : CAIPERS**
* **Client : CAIPERS, USA**
* **Designation : DevOps/Build Engineer**
* **Environment :** Jenkins, Maven, SVN, Linux, Tomcat.

**Duration** : From Nov 2015 to Sep 2017.

**Description:**

**CAIPERS (California Public Employees Retirement System)** is web based enterprise application for variety of retirement, health benefit Programs, services and administers other programs dedicated to protecting the financial security of Its members. We provide a system which integrates different benefits systems of CAIPERS like Health benefits, retirement benefits, death benefits and long term care benefits in a single umbrella. So that all members can access different products offered by CAIPERS in single web page.

**Roles and Responsibilities:**

* Maintain SVN Repositories, Handling Releases and Branching activities for SVN.
* Monitor and track requests in Subversion.
* Deploying the JAR / WAR files in Apache Tomcat.
* Upgraded Jenkins and deploy on Tomcat on the existing applications.
* Configuring LDAP authentication with the existing software structure (Jenkins).
* Creating various POC’s of Continuous Integration and Continuous Deployment pipelines by integrating source control tools GIT, Build tools like Maven, CI tool like Jenkins .
* Built up CI/CD pipeline using Git, Maven, Jenkins for JAVA applications.
* Creating new jobs in Jenkins and managing the build related issues.
* Application deployment using system center configuration manager.

**Declaration**

I here by declare that the above-mentioned information is correct up to the best of my knowledge and I bear the responsibility for the correctness of the above-mentioned.

Date:

Place: (Manoj k)