**Name: Ambareesh Kumar.J**

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**Professional Summary:**

Having **5** years of professional experience in build and release , software configuration management which includes Environment Setup, Build Automation, and Continuous Integration, SCM process improvements and Deployments (both Standalone and Web applications).As a DevOps engineer, I work on application deployment, continuous delivery, continuous integration, CI/CD pipelines and infrastructure automation with tools like Docker, Kubernetes, Puppet, Chef, Jenkins.

* Experience in Software Configuration Management tools on Windows environment and Linux using **Subversion** and **GIT**
* Strong knowledge on source controller concepts like **Branches, Merges and Tags**.
* Good experience in build tools **MAVEN** and **ANT.**
* Good knowledge in writing the **Pom.xml** in **MAVEN.**
* Expertise with build systems and tool **ANT.**
* Good experience in creating and configuring new Build jobs, Plug-ins Management, distributed builds using Master/Slaves and other administration tasks in **Jenkins**.
* Use Jenkins to create jobs for clients to build and deploy **QA packages** on demand.
* Ability in managing all aspects of the **software configuration management** process including **code compilation, packaging /deployment /release methodology** and application configurations.
* Extensively worked on **Jenkins** for **continuous** **integration** and for End to End automation for all **Build and Deployments**.
* Installation, Configuration, Administration of **Jenkins for continuous integration.**
* Installed number of plugins in **Jenkins** for project requirement.
* Configured **Build** **Machines** or Nodes in Jenkins.
* Took ownership of the task to be delivered and working extra hours if required to ensure that delivery is not impacted.
* Excellent Customer interaction skill, commendable aptitude to learn new technologies and an excellent team player.
* Actively involved in various project requirement analysis in addition to **Project Development**.
* Involved in technical discussions with the Client negotiated, planned and managed all project related activities
* Good experience in automating the process of uploading the packages from **Jenkins** using backup repository **Nexus**.
* Involved in automating end to end **Build** and **Deployment** line process once my developer commits the source code in **GIT** repository, the **Jenkins** needs to start automatically using the **Pollscm** also it will release automatically using the **M2 Release** plugin then it will **Deploy** to the test servers using the deployment tool **Rundeck** complete architecture.
* Experience in Setting up **Chef Workstation**, **Boot strapping** various enterprise **Nodes**, setting up keys.
* Basic knowledge in writing the **Recipes** in **Chef.**
* Knowledge in automating the build and release and deploying the packages using the **Chef**.
* Ability in writing the Pom.xml and involved release management process using the build tool **Maven**.
* Good knowledge in taking the backup using **Nexus**.
* Having knowledge to check the code quality plugin **SonarQube**.
* Good hands-on experience on Continuous Integration and Continuous deployment using various CI tools like Jenkins, Hudson and automating deployments using Continues Integration tools like Jenkins on **Red Hat satellite Server .**
* Configuring the **Docker** containers and creating **Docker files** for different environments.
* Written Ansible Playbooks to make the configuration changes to application servers as requested by the client.
* Written various Roles that contain different playbooks with configuration details and reuse these rules to make necessary configuration changes.

### EDUCATIONAL QUALIFICATION

* **Bachelor of Computer Science From Kongu Institutions.**

### Working Details:

* **INFOSYS LTD , BANGALORE (05/10/2015 to 21/12/2018)**
* **MICROLAND LTD, BANGALORE (24/12/2018 to 8/11/2019)**
* **CLIENT NETWORK AND SERVICES ( 14/11/2019 to Present )**

### TECHNICAL SKILLS

|  |  |
| --- | --- |
| **Version Control System tools** | Subversion (SVN), GIT |
| **Operating Systems** | Windows 9x/2000/XP/7, Linux |
| **Configuration Management** | CHEF, Rundeck, Ansible |
| **Scripting** | Shell Scripting |
| **Build Tools** | ANT, Maven |
| **Database** | MySQL |
| **Web Server** | Apache |
| **Application Server** | Apache Tomcat ,Websphere |
| **Continuous Integration Tools** | Jenkins |
| **Cloud Environment** | AWS |
| **Artifactory** | Nexus |
| **Bug Tracking Tool** | JIRA |

**Project # 1:**

**Project**  : Daimler AG, Stuttgart (Germany)

Client : Mercedes Benz

Role : **DevOps**

SCM Tools : SVN

BUILD TOOLS : Jenkins

SCRIPTING LANGUAGES : Shell scripting.

Development Environment : Linux.

**Description:**

Daimler (Mercedes Benz), one of the world’s most successful automotive companies, is the biggest producers of premium cars and the world’s biggest manufacturer of commercial vehicles with a global reach. This project deals with maintenance of applications used by Business End Users.

**ROLES & RESPONSIBILITIES:**

* Creating the **GIT** **Repositories**.
* Installing all **Linux** flavours OS, Configuring and binding system with domain.
* Setup and launch Amazon Linux and RHEL and **Windows** **EC2** **instances**, network interface with Elastic IP’s.
* Deployed and monitor scalable infrastructure on **Amazon** **web** **services** (**AWS**) and configuration management.
* Configured and managing security groups and **VPC**.
* Resolving the home directory issue, resolving grub errors and file system problems.
* Installing all **Linux** flavours **OS**, Configuring and binding system with domain.
* RPM package management, installing, upgrading and removing.
* Configured volume groups and logical volumes, extended logical volumes for file system growth needs using Logical **Volume** Manager **LVM**.
* Created and modified users and groups with **SUDO** permission.
* Creating users and providing them with suitable permissions.
* Installation of package in **Linux** system using yum, rpm, apt-get packages.
* Account management for work place environment users. Setting up user accounts; assign privileges, and user permissions
* Proactively improve the quality of systems and service, and increase business value.
* Installation and configuration of Linux Boxes - **Ubuntu**/**Redhat**.
* Installation of patches/fixes and updating Maintenance **Levels**.
* Scheduling and Automatic recurring execution using **crontab**.
* Experience in administering Linux. Experience in **Installation**, **Configuration**, **Backup**, **Recovery**, Maintenance, Support.
* Identify root cause, and resolve **problems**.
* Running and monitoring nightly **builds** in all **Linux** platforms.
* Implemented Jenkins for Continuous Integration **Builds** and Notifications exclusive for Dev as a self-help feature.
* Review build results, **debug** and optimize **complex** **builds**, and discuss technical issues with developers, architects, and managers.
* Develop and maintain **build** and **release** process documentation.
* Performed **SCM** tasks, such as check-in, checkout, branching, tagging and merging code from development branches to main branch and main branch to development branches.
* Assisting **development** team in resolving issues with **build**, **environment**, **SCM** and tools.

**Project #2:**

Project. : US Bank

Client. : FSV payment

SCM Tools : SVN , GIT

BUILD TOOLS : Jenkins

Development Environment : Linux.

**FSV Payment Systems, Inc., a subsidiary of U.S. Bank, is one of the nation's largest prepaid card providers. Our leading edge technology, combined with the trust, strength and stability of U.S. Bank, provides employers with quick program implementation, comprehensive training and increased operational efficiencies.**

Roles and Responsibilities:

* Setting up the new build environment for various applications in Linux environment.
* Managed to organizational standards by maintaining the source code in GIT for various applications. Setting up the new Build Environment for various products in Linux Environment.
* Created branches in GIT as per the Developer requirement.
* Maintains and extends configuration and build sub-systems on GIT.
* Creating and maintaining the development and release branches on GIT.
* Using Maven as a build tool, I could automate the process of building artifacts.
* Implementing Jenkins continuous integration tool including the jobs and setting up the tool for deployment.
* Integrate the SonarQube scanner with Jenkins to monitor the code continuously.
* Used Nexus to take the backup of artifacts from Jenkins.
* Integrate all tools to Jenkins and automate the project.
* Created nodes and installed plug-ins as per the project requirements.
* Involved in installing Jenkins on a Linux Machine. And creating a Master and Slave configuration to implement multiple parallel builds through a build.
* Help engineering teams implement new technologies in development for future production deployment.
* Involved in deployment of the application using Tomcat.
* Primary responsibilities include Build and Deployment of the java applications onto different Environments like UAT and PROD.
* Created the Docker files and Images and push the images to docker hub
* Basic knowledge in Ansible.
* Production environment support activities which include major release or emergency hot fix deployments, scheduling.

Project #3:

Project : US Federal and State agencies

Client. : Center for Medicare & Medicaid Services

Role : BRM ( Build & Release Management )

Company : Client Network and Services ( CNSI )

Responsibilities:

* As part of DevOps team, my role includes release management, Environment Management, deployments, Continuous integration, continuous deployment,version management.
* Providing a better workflow for Continuous Integration and Continuous Delivery.
* Assisted in migrating applications from customer on-premises datacentre to the cloud (AWS).
* Well versed in managing source code repositories like Git, GitHub, bit bucket.
* Working for DevOps Platform team responsible for specialization areas related to Chef for Cloud Automation.
* Used Ansible to manage Web applications, Environments configuration Files, Users, Mount points and Packages.
* Develop and implement an automated Linux infrastructure using Ansible.
* Worked on installation and configuration of web servers and applications; WebSphere, WebLogic, tomcat, Apache.
* Managed source code repository, build, and release configurations, processes, and tools to support daily development, test, and production build and software deployment operations.
* Working with an agile development team to deliver an end to end continuous integration/continuous delivery (CI/CD) product in an open source environment using Ansible and Jenkins to get the job done.
* Perform server configuration management on apache products, MySQL, and WebLogic using tools such as Ansible.
* Wrote build/integration/installation scripts in Perl and bash as needed. creating software build and release best practices, standards, procedures, and tools.
* Redefined processes and implemented tools for software builds, patch creation, source control, and release tracking and reporting, on Unix platform.
* Gathered coordinates all dependent jar files in ANT projects and converted them to MAVEN.
* Hands-On Experience in writing & debugging Stored Procedures, Complex queries, Triggers, functions and Troubleshooting code Issues in PL/SQL.
* Configured, maintained and administered Linux systems that host build and release engineering apps by constantly monitoring system load and memory consumption.
* Performed weekly / monthly and on-call deployments of application codes to production environments.

DECLARATION :

I hereby declare that the above mentioned information is correct up to my knowledge and belief.

Date**:**

Place: Chennai. AMBAREESH KUMAR.J