**DEVOPS/AWS**



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Having **around 4.5Years** of professional experience in build and release and software configuration management whichincludes Environment Setup, Build Automation, and Continuous Integration and continues Deployment **CI/CD**, cloud **AWS**, SCM process improvements andDeployments (both Standalone and Web applications).

**Professional Summary**

* Having around**4.5** Years of Experience as a “**DevOps/Build & Release Engineer**” for Java Based Web Applications**.**
* Having good knowledge in implementation of **CI/CD.**
* Good knowledge in writing terraforms for **AWS Environment Provisioning.**
* Working experience in writing the **Ansible playbooks** for creating AWS services like

**VPC,EC2.**

* Configuring the **Docker** containers and creating **Docker files** for different **environments**.
* Good knowledge in creating the **Docker Images** and configuring the images in **Jenkins.**
* Good experience in automating **Jenkins** with **AWS Elastic Container service** (**ECS**).
* Working experience in **Stage**, **UAT** and **Production** environment using **ANSIBLE**.
* Worked in **JIRA** automaction in **Jenkins** build and deployment process.
* Experiancemigratation of **Clearquest**(**CQ**) to **JIRA**.
* Able to bootstrapping for configuring the **chef nodes**.
* Installed number ofplugins in **Jenkins** for project requirement.
* Configured **Build** **Machines** or **Nodes** in **Jenkins**.
* Good Knowledge in deployment process automachine using the **Chef**.
* Experience in Setting up Chef **Workstation**, **Bootstrapping** 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**.
* Having good experience in **Chef Configuration management** tool.
* Experience in **Deployment** process both automaction process and manual process.
* Good knowledge in automachine deployment process using the **Devops** tools like **Jenkins** and **Rundeck**.
* Good experience in automating the process of uploading the packages from **Jenkins** using backup repository**Nexus**.
* Responsible for administering and supporting version control systems (**SVN** and **GIT**) on **Linux**.
* Experience in Creating branches, tags, user locking, branch locking, and Daily Activities Included Force builds, daily patches in **SVN**.



* Expert in build automation tool **ANT**, **MAVEN** for **Builddevelopment** in Windows and **Linux**.
* Extensive experience using **ANT**, **MAVEN** as build tool for the building of **deployable** artifacts from source code.
* Experience in **Build & Release** Activities, which involves Building source code, handling and Administration of Version control tools **(Subversion, Git),** maintaining**CI** environments (**Jenkins**).
* Build, Configure, Manage and Coordinate all **Build** and **Release** Management activities.
* Expertise in Installation, **Configuration**, **Administration** and Maintenance of **CI** tools Jenkins.
* Set up & configure the necessary infrastructure support to all teams.
* Strong familiarity with software **configurationmanagement** systems.
* Experience with Application servers configuration and management (**JBOSS**).
* Install/Configure build, package and deliver java application to **JBOSS** Application server
* Responsible for the **development** of tools, scripts, installation procedures and systems including source code control and issue tracking.
* Ability to trouble shoot build and **deploymentissues**.
* Capable of working **independently** and as well as a part of a team.
* Good work experience in **end-to-end Building, deploying** and configuration process and Implementation from local **QA** environment to **UAT** and Production.
* Taking care builds and deployments in local, staging and production environments.
* Experience in supporting applications on different platforms Windows and Linux environments.

Education

**B.Tech (Electronics & Communication Engineering)** from **JNTU Anantapur** in **2011.**

**Working Experience:- 4.5 Years.**

**Accenture – BANGALORE**

**Technical Proficiency**

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| --- | --- |
| **Scripting language** | Shell scripting |
| **Ticketing too** | Service now, JIRA, RTC |
| **Development Environment** | Linux |
| **Code quality** | SONAR |
| **Code monitoring tool** | Fisheye |
| **Artifacts storage tool** | Nexus |
| **Server** | Red Hat Satellite server |
| **Change Management Tool** | ITSM (information technology service management) |
| **Build Tool** | Maven |
| **Continuous Integration** | Jenkins |
| **Deployment Tools** | CHEF, RunDeck, Anible |
| **Code Monitoring Tool** | Health Check Monitoring |
| **Containerization Tool** | Docker |
| **Cloud Environment** | Amazon Web Servers |
| **Version Control System Tools** | SVN, GIT |
| **Operating Systems** | Linux, Windows, Centos,Ubuntu,RedHat |
|  |  |

**Projects Handled**

**Project # 2:**

Project : 

Role : **DevOps Engineer**

SCM Tools : GIT, SVN

CI tool : Jenkins

**ROLES&RESPONSIBILITIES:**

* Creating a Labels and support branches.
* Manage code repositories (branching, labeling etc.).
* Adding /Deleting, Permissions and Customizing Views and Branches.
* Coordinate build and deploy activities.
* Worke deploying the packages in production using **Ansible playbooks**.
* Written **Terraforms**wor environment provisioning in **AWS**.
* Setting up **Chef Workstation**, **Boot strapping** various enterprise **Nodes**, setting up keys.
* writing the **Recipes** in **Chef based on requirement.**
* Knowledge in automating the build and release and deploying the packages using the **Chef**.
* Involved in the release process and deployed applications (WAR, EAR and JAR) to the Red hat satellite server.
* Identify root cause and resolve problems.
* Running and monitoring nightly builds in all Java platforms.
* Implemented Jenkins for Continuous Integration Builds and Notifications exclusive for Dev as a self-help feature.
* Performing installation testing on builds before handing over to **QAteam**.
* Worked with developers, QA and Product support teams to identify and resolve build problems.
* 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.
* Perform code build and deploy (Unix and Windows)
* Launching and configuring of Amazon **EC2 (AWS)** Cloud Servers using **AMI's (Linux/Ubuntu)** and configuring the servers for specified applications.



* Worked in Amazon Web Services **(AWS) VPC, EC2,** Cloud formation, **S3, IAM, RDS**, Route **S3**, **Cloud Watch**, Dynamo DB and Elastic cache.
* Utilized **Cloud Watch** to monitor resources such as **EC2**, **CPU** memory, **EBS** **volumes**; to set alarms for notification or automated actions; and to monitor logs for a better understanding and operation of the system.

**Project # 1:**

Project :

Role :**Build & Release engineer**

SCM Tools : GIT

BUILD TOOLS : Jenkins

SCRIPTING LANGUAGES : Shell, scripting

BUG TRACKING TOOL : RTC (Rational Team Concert).

Development Environment : Linux, Windows.

**ROLES&RESPONSIBILITIES:**

* Creating the **Git** Repositories.
* Installing all Linux flavours OS, Configuring and binding system with domain.
* Written **Ansibleplaybooks** for creating **AWS** services like **EC2** instances and **S3** buckets and **VPC** creation.
* Written **dockerfiles** for **staging** and **production** environment.
* 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.



* 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/Debian/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.
* Resolving the network issue and resolving IP table and SE Linux issue.
* 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.