Name: **Bharathimuppalla**

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### Career objective:

Obtain a responsible and challenging position in a growth-oriented organization which will allow me to learn new technologies and skills while utilizing my expertise experience as a **DevOps Engineer**, and also to build a strong business relationship with the company and clients.

### Professional Summary:

* Having 3+ years of experience as a **DevOps, Build and Release** engineer.
* Experience in setting up project baselines, branching strategies, merging and taking regular backups of the source code.
* Experience in administration, maintenance of source control management systems, such as **Sub Version (SVN), a**nd **GIT**.
* Strong knowledge on Administration and configuration activities on **GIT**.
* Worked as **GIT** administrator as part of my role and monitored the repository for various issues.
* Extensive experience in using Build Automation DevOps tools like **ANT, Maven,** and **Jenkins/Hudson.**
* Handful experience on **continuous integration**(**CI**) and **continuous delivery**(**CD**) using **Jenkins**
* **Maintaining continuous build automation – currently implemented with Maven and Ant run within Jenkins.**
* Proficient in implementing and adapting to Release/Change Management Process.
* Exposure to **administration of servers** such as **Tomcat, Apache .**
* Experience in **Build, Package and Deploy** to all the environments by targeting to **Tomcat, Apache.**
* Deploying, configuring, managing, Master and Agent machines using **chef**.
* **Configuring** and **maintaining Chef** Master Server, creating modules and pushing them to chef clients.
* Strong use of Shell scripting languages including BASH for Linux, windows platforms.
* **User Administration in Linux** such as adding a new user account, modifying, deleting user account and granting sudo access based on the requirement.
* Hands on experience on remote tools **SSH, SCP, Winscp and Putty**.
* Good hands on to support for multiple environments and as well as communicating with different teams.
* Knowledge on **AWS EC2 instance provisioning** and **orchestration**.
* Hands on experience in daily activities like Disk Management and User Management issues.
* Utilized **Linux Adminskills** on deployment servers to make sure the servers are up and running as expected..
* Extreme knowledge about **CI/CD integration**
* Managing artifacts repositories by using **Nexus Repository Manager**
* Participated in release level discussions and gone through the total **SDLC and Agile process.**
* Proficient knowledge on machine provisioning and orchestration using configuration management tools like **Chef** and **Ansible** in **AWS** cloud infra environments.
* **Labeling/Branching/Merging and other SCM work (currently using Git, Subversion).**
* Hands on experience in configuring and maintaining the Webserver like Apache, Tomcat like App servers.
* Worked on **Docker** containerization.
* Configuring the **Docker** containers and creating Docker files for different environments.
* Took Part in DevOps implementation pilot program and was trained in DevOps methodologies and tools like **Chef**, **Ansible** etc.

### Work Profile:

* Worked as a Software Engineer for **TCS**, from Dec2015 to present

### Educational Qualifications:

* **B.TECH** from JNTU KAKINADA University in, Guntur, 2015.

### Technical skills:

**Continuous Integration tools** : Jenkins

**Configuration Mgmt tools** : Chef , Ansible

**SCM Tools** : Subversion, GIT

**Build tools** : Ant , Maven

**Scripting skills** : LINUX Shell scripting,

**App/web Servers** : Apache/Tomcat

**Operating Systems** : RHEL5, RHEL6, Cent

**Virtualization** : Docker

**Cloud Provider** : AWS EC 2 and ELB

Artifactory :Nexus

### Project Experience:

**Project-1:**

**Client** : **Bank of America, US**

**Role** : **DevOps Engineer**

**Environment**  : **GIT, Jenkins, Shell, Apache Maven, Docker, chef, MYSQL, AWS**.

**Duration : June 2018 – Till date**

**Responsibilities:**

* Responsible for Software Configuration Management, Installing Software and maintaining the Build Environment using **Chef**
* Planning & scheduling build release time, Reviews coding
* Administered **Maven** repositories source tree and user account administration, branching, merging, patch fixes, snapshots, and training users on the systems.
* Perform Build and release process through Maven
* Used Ant, Maven as a build tools on java projects for the development of build artifacts on the source code.
* Managed Version Control **Subversion** (SVN) and **GIT** Hub Enterprise and Automated current build process with **Jenkins** with proposed Branching strategies to accommodate code in various testing cycles.
* Updated existing shell scripts to reflect GIT changes
* Updated all the Jenkins Continuous Integration jobs, dependent jobs, snapshot jobs, release
* jobs, DB deployment jobs to reflect GIT changes
* Installed and Configured Jenkins and Jenkins slave machines.
* Implemented DB deployment jobs from **Jenkins**
* Implemented multi-parallel jobs in Jenkins which does CI, packaging, Sonar job and deployment job to difference environments such as DEV, TEST and PROD
* Utilized Linux Admin skills on deployment servers to make sure the servers are up and running and user, group activities.
* Designed and written script for various deployment like QC, IT, Prod
* Responsible for continuous Integration(CI) and continuous Delivery(CD) using Jenkins.
* Periodic generation of reports on releases processed and deployments made
* Responsible for view creations and setting up of config spec according to the project requirement
* Create **Chef Recipes**, automation tools and builds, and do an overall process improvement to any manual processes.
* Written multiple **cookbooks** in **Chef**.
* Using web-frontend altered configuration data in chef's node database.
* Created chef (databag) driven configuration of user accounts.
* Managed pkg/apt build system and package repositories.
* Responsible for creation of Build directory to maintain the Build step Logs
* Responsible for creating Labels, jobs, nodes in Jenkins.
* Perform the Local Build & provide the latest Baseline & Branch for the development activity
* Deployment of the Business processes by creating JAR, WAR and EAR files to JBoss Application Server
* Tracked and deployed technical requirements in projects for the release of software
* Handled projects from compilation to delivery of software components
* Executed project under software release life cycle.

**Project-2:**

**Client** : **Capital One, US**

**Role** : **DevOps and Build & Release Engineer**

**Environment**  : **Ansible, Jenkins, GIT, Shell script, Linux, Tomcat, jira, Maven**.

**Duration : Dec 2015 – May 2018**

**Responsibilities:**

* Provide support and administration of **GIT** related issues.
* Creating Branches and Tags
* Integrating development branches.
* Developing the utility scripts to effectively reduce the time and manual effort.
* deploying, configuring, managing, maintaining, a server machine using chef
* Deployed Chef for automated management of machine configurations.
* Develop continuous delivery product release pipelines, using tools such as **Jenkins,** and enable release and operations automation using **Ansible.**
* Automated product release workflow by closely working with various development teams.
* Created and implemented chef recipes to manage **Jenkins** instances.
* Strong use of **Shell** scripting languages including **BASH** for **Linux** platforms
* Hands on experience on daily activities like Disk Management and User Management.
* User Administration such as adding a new user account/modifying/deleting user account and granting sudo access based on the requirement.
* Work as a Build Engineer for a team that involves three different developments teams and multiple simultaneous software releases.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Responsible for creating/updating connection strings.
* Planned and executed the migration from **Bugzilla**-based bug-tracking into the Atlassian-based suite (JIRA, Confluence)
* Created Maven POMs to automate the build process for the new projects and integrated .
* Hands on experience on remote tools **SSH** and **SCP**.
* As a build engineer worked towards automating build process by writing batch scripts
* Building the source code using **Subversion** and **Jenkins**.
* Build and deployment scripts according to SCM team standards and processes to QA, Performance and Production Environments.
* After completion of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build.
* Responsible in deploying the application **WARs**, **EARs** in **WebLogic** application servers and troubleshoot any deployment issue.
* Have knowledge on Distributed Version Control systems like **SVN** and **GIT**.
* Work directly with Project Managers to establish and create & design the release plan.
* Perform smoke/sanity tests for the applications deployed and also troubleshoot the application for the issues that arise as part of the smoke test process.