Veera Apparao

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Career Objective

4+ years progressive experience in the domain of Build/Release and Configuration Management/DevOps Engineer and with proven ability to implement standards, procedures and processes that improve overall Build and Deployment/DevOps processes.

**Professional Summary:**

* Having **4+ Years** of Experience in Implementing Organization **DevOps** strategy in various environments of **Linux** and **Windows** along with **Vmware** Technology
* Having good experience in **Svn**, **Git**, **GitHub**, **Ant**, **Maven**, **Jenkins**, **Nexus**, **SonarQube**, **Rundeck**, **Chef**,**Linux**,**Vmware**, **Shell Scripting**, **Docker**.
* Knowledge in Amazon Web Servies(AWS)
* Cloud Technologies like Amazon Web Services (AWS) VPC, EC2, **Cloud formation**, **S3**, IAM, LB,ASG,Snapshot,AMI, **Cloud Watch**.
* Improvise and optimize software builds.
* Familiar with Software Development Life Cycle (SDLC) processes
* In depth knowledge of software release engineering concepts and configuration management
* Created build/release and configuration management procedures.
* Experience in both Linux and Windows Build environment.
* Creating repositories, new users for **SVN** and give the permissions to users to access repository.
* Create branches and participating in merging.
* Helping users on Day to Day activities involving Check In, Check Out, View problems.
* Experience on Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using **GIT**.
* Clone codebase git repo, commit changes, pushing the changes to different branches & to master.
* Extensive experience using **ANT,Maven** as build tools for the building of deployable artifacts,(jar,war) from source code.
* Proficient in deployment of various Applications (WAR and JAR) in domain
* Extensively worked on **Jenkins** for continuous integration and for End to End automation for all build and deployments.
* Expertise setup of CI/CD in Distributed environment by defining Build plans, pipelines and workflow to achieve seamless execution of Delivery process
* Good experience on **Nexus** Repository Manager.
* Having experience on code quality tool in **SonarQube**.
* Good experience on deployment process using the **Run deck**
* Develop continuous delivery product release pipelines, using tools such as Rundeck, Jenkins, and enable release and operations automation using **Chef**.
* Automated product release workflow by closely working with various development teams.
* Created and implemented chef recipes to manage **Rundeck** and Jenkins instances.
* Created Jenkins workflow to automate the environment readiness process across different environments.
* Hands on experience in creating Chef Recipes, cookbooks for Redhat Server and Application deployment automation.
* Having good knowledge in Chef Enterprise Hosted as well as On-Premise, Installed Workstation, Bootstrapped Nodes, Wrote Recipes and Cookbooks and upload them to chef-server.
* Working experience on operating systems like Linux, Unix, Centos etc.
* Good knowledge of OS related issues, Server configuration and builds and release process.
* Configuring Cluster in High Availability, Load balancing and Failoverscenarios.
* Experience in container technology like **Docker**.
* Having experience in creating custom Docker images using Docker Containers
* Having experience on **Docker Networking** using bridge and **Docker Volumes**.
* Hands on knowledge on Deploying **Dockerfile** and **DockerCompose**
* Very good knowledge in using ticketing tool **Service Now**.
* Good in trouble shooting the bugs generated during build and release.
* Automation of build process(Build Automation) using the **Jenkins, Maven and Svn**.
* Good Experience on Version control and source code management using the **GitHub**.
* Participated in various application life cycle development steps from development, QA to production

**Professional Experience:**

* Working as Devops Engineer in **IBM India Pvt Ltd** From Mar-2016 to Till Now.
* Worked as Devops Engineer in **Synchronoss Technologies**  From Sept-2013 to Feb-2016.

**Technical Summary:**

* Operating System : Linux, Windows
* Version Controls : SVN, GIT
* Build Tools : Ant, Maven
* CI Tools : Jenkins,Bamboo
* CD Tools : Rundeck
* Scripting : Shell Script
* Configuration Tool : Chef
* Ticketing Tool : Service Now
* Virtualization : Vmware,Docker.
* Cloud : AWS

**Project#2: (Current Project)**

* Project : **Maplin**
* Environment : **Svn, Maven , Jenkins, Nexus,Sonar Qube,Rundeck,Chef,Docker**
* Operating System **: RedHat/CentOS**

**Description:**

Maplin electronics is a retailer of electronics goods in the united kingdom and Ireland As of 2017,there are 218 maplin electronics stores. The company operates an extensive online , telephone, the mail order sales service

**Role & Responsibilities:**

* Primarily responsible for providing Release Engineer tasks to two different teams. In addition, developing and supporting day to day release builds and deployments, improving existing infrastructure and services with upgrades, and consolidate existing tools.
* Implementation of new build and deploy tools & Process to make smooth pipeline transition from Dev to Test and Production.
* Creating repositories, new users for **SVN** and give the permissions to users to access repository.
* Create branches and participating in merging.
* Helping users on Day to Day activities involving Check In, Check Out, View problems.
* Maven used as build tool to build a source code.
* Creating War/Jar files using **Maven**.
* Installation and configuration of **Jenkins** CI tool.
* Manage re-architecture of Jenkins and implemented Jenkins slave
* Configure Jenkins/Hudson jobs for nightly and milestone builds.
* Automate the build Process Using Jenkins jobs.
* Installed required Jenkins plug-ins.
* Creating and maintaining Jenkins Jobs.
* Experience with automated **Build pipeline**, continuous integration and continuous deployment environments.
* Resolve build related issues
* Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubleshoot build failures.
* Involved in automation of deployment and configuration process.
* While building the code used **Nexus** as corporate repository.
* Configuration of **Sonarqube** with jenkins.
* Managing Continuous Integration and Continuous Delivery using Jenkins and test code quality using **SonarQube.**
* Develop, enhance and maintain the build, deployment and continuous integration configurations and automate regression and acceptance testing
* Develop continuous delivery product release pipelines, using tools such as **Rundeck, Jenkins**, and enable release and operations automation using **Chef**.
* Deploy and monitor scalable infrastructure on **Vmware** & configuration management using  **Chef**.
* Writing Cookbook’s using Recipes and Creating Environment and Roles, Templates
* Developed and Maintained Cookbooks and Recipes for Configuration Management using Chef.
* Installed Chef-Server Enterprise On-Premise/Workstation/Bootstrapping the Nodes Using Knife.
* Created Docker images using **Dockerfiles** to support containerization of applications.
* Configuring the Docker containers and creating **Docker Compose** for different environments.
* Implementing Dockarization (**Docker**) for application launching containers and images.
* Having experience on **Docker Networking** using bridge and **Docker Volumes**.
* Performing deployments to multiple environments like Dev, QA, & Production environment.

**Project#1:**

* Project **: Telecom Italia**
* Environment : **Linux,SVN,ANT,Jenkins,Nexus,Sonar Qube,Vmware**.
* Operating System **: RedHat**

**Description:**

**Telecom Italia** is an [Italian](https://en.wikipedia.org/wiki/Italy) [telecommunications company](https://en.wikipedia.org/wiki/Telecommunications_company) headquartered in Rome, which provides telephony services, mobile services, and DSL data services. Telecom Italia was officially created on 27 July 1994 by the merger of several telecommunication companies among which SIP, Iritel, Italcable, Telespazio and Sirm.

**Roles & Responsibilities:**

* Involved in creating the company's DevOps strategy in a mix environment of Linux (RHEL, Centos) servers along with creating and implementing on Virtual Environments .
* Responsibilities include developing complex build, test, provision, secure and deployment systems and providing support to a large community of developers and testers.
* Creating repositories, new users for **SVN** and give the permissions to users to access repository.
* Create branches and participating in merging.
* Monitor and track requests in Subversion.
* Helping users on Day to Day activities involving Check In, Check Out, View problems.
* Resolve problems related to subversion.
* Taking back up on time of the svn repository.
* Created **ANT** build script which performs compilation of the code and generate the application artifacts
* Resolved build and release dependencies in collaboration with other departments.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Automate the build process using Jenkins jobs. Monitoring daily builds using CI tool **Jenkins** . Verifying logs if build fails.
* Verify Deployment logs to check for successful deployments. Deploy the artifacts into **Nexus** Repository.
* Configuration of **Sonarqube** with **Jenkins**
* Managing Continuous Integration and Continuous Delivery using Jenkins and release management using **SonarQube**
* Develop scalable build, test and deployment systems in virtualized environments and Conduct DevOps Process Planning.
* Setting up **Chef** Infra, Bootstrapping nodes, creating and uploading recipes.
* Setting up the **chef server, chef work stations** and **chef nodes**
* Working with data bags, attributes, cookbooks, recipes and templates in **Chef**
* Provided 24x7 production support and development environments. Ability to communicate requirements effectively to team members and manage applications.