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##### PROFESSIONAL SUMMARY:

* A result oriented professional with 4+ years of experience as a **DevOps Engineer.** Major focus on **Build &Release Development**/**support** and **Linux/AWS Administration**.

### **Roles &Responsibilities**

**DevOps:**

* Experience in software **build**, **deployment,automation**, and **configuration management**.
* Administration of both **Windows** and **Linux** Systems.
* Experience in **Software Configuration Management** tools on **Windows** environment and **Linux** using **Git.**
* Strong experience on source controller concepts like **Branches, Merges and Tags**
* Integrated Build Process through Jenkins to **SCM** tools like **Git**
* Having good experience on Build toolslike **Maven .**
* Installation, Configuration, Administration of **Jenkins** for continuous integration.
* Extensively worked on **Jenkins/Hudson** for continuous integration and for End to End automation for all build and deployments.
* Good experience in creating and configuring new Build jobs, **Plug-ins Management**, distributed builds using **Master/Slaves** and other administration tasks in **Jenkins**
* Able to bootstrapping for configuring the **chef nodes.**
* Created continuous integration system using **Jenkins, chef**, full automation.
* Integrated Build Process through **Jenkins** to various **SCM tools like GitHub.**
* Having good experience in **Chef Configuration** management tool.
* Implemented/ designed **cookbooks** which will automate the installations, configurations and deployments.
* Efficient in working closely with teams to ensure high quality and timely delivery of **builds and releases.**
* Use Jenkins to create jobs for clients to build and deploy **QA packages** on demand.
* Experience in using Bug tracking tool like **Jira.**
* Expertise in **trouble shooting** the problems generated while building, and deploying.
* including code compilation, packaging /**deployment /release** methodology and application configurations.
* **(Linux/Redhat)** and configuring the servers for specified applications.
* Writing the chef cookbooks for **apache tomcat** and for Infrastructure provision on **aws.**
* Configuring the **Dockers container** and creating **Docker files** for different environments.
* Good experience in taking the backup using **Nexus.**
* Having good experience to check the code quality plug-in **SonarQube.**
* Automate infrastructure in **AWS** using **Amazon web services**. Deploy chef to completely provision and manage **AWS EC2** instances, volumes, **DNS,** and **S3.**
* Launching and configuring of **Amazon EC2 (AWS)** Cloud Servers using **AMI's**
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.
* Ability in managing all aspects of the software configuration management process
* Extensive experience for writing the **Ansible** playbooks
* Extensive experience for writing the **Chef** cookbooks
* Extensive experience for writing the **Dockerfiles** for building the **Docker images**
* Extensive experience for writing the **Docker-compose.yml** for running multiple containers
* Strong knowledge on writing the puppet manifests

##### eXPERIENCE sUMMARY

* Currently working as, a Devops Engineer for **NOKIA,** Banglore from April 2015 to till date.
* Previously worked as a Tableau Developer in **TCS ,**Bangalore from June 2014 to April 2015.

##### Educational Qualification:

* B.Tech from JNTU, Ananthapur.

##### TECHNICAL SKILLS

**Operating Systems** : **Linux and Windows**

**Version control Systems : Git**

**Code Review : Gerrit**

**Scripting languages : Shell Scripting, Yaml, Ruby, Terraform**

**Build Tools : Maven**

**Configuration Management Tool : Ansible, Chef**

**CI/CD Tools : Jenkins**

**Containerization Tool : Docker, Docker-compose.yml, Kubernetes**

**Static code analysis tool : SonarQube**

**Artifactory storage : Nexus**

**Web Servers : Apache Tomcat**

**Ticketing tools : Jira**

**Project #3:**

**Name :** Capital Group Companies

**Role**  : DevOps Engineer

**Duration** : June 2017 to till date

**Roles and Responsibilities:**

* Implemented rapid-provisioning and life-cycle management for Linux using Amazon EC2, **Ansible**, and **Git.**
* Managed and optimize the Continuous Delivery tools like Jenkins.
* Install, Configure, Administer Jenkins Continuous Integration Tool.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Creating the automated build and deployment process for application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Implemented **AWS** solutions using EC2, S3, RDS, EBS, IAM, Elastic Load Balancer, Auto scaling groups.
* Optimized volumes and EC2 instances
* Branching, Tagging, Release Activities on Version Control Tools: GIT.
* Used Maven as build tool on Java projects for the development of build artifacts on the source code
* Automated deployment of builds to different environments using Jenkins.
* Worked on infrastructure with **Docker** containerization.
* Developed Ansible playbooks for automation of the build and release process.
* Develop Custom Scripts to monitor repositories, Server storage.
* Developed automation framework for Application Deployments to the cloud environments
* Performed and deployed Builds for various Environments like QA, Integration, UAT and Productions Environments
* Developed Inventory files for **1 node , 3 node and 5 node** cluster deployment
* Developed Ansible playbooks for bring up cloudera cluster
* Developed **Jenkins pipeline** for automate on CD
* Developed **Terraform** scripts for automate infrastructure to create VM’s.
* Developed shell script for start and stop all Hadoop ecosystem components
* Developed Dockerfile for building the nginx container

**PROJECTS DETAILS**:

**Project # 2**

**PROJECT** : EMC-IT-NGOE-PHASE2

**Client :** EMC2

**Duration :**  April 2015 to June 2017

**Role :** Build & Release Engineer

### **Description:**

EMC Corporation is a giant in Storage corporate and cloud computing manufacturers. NGOE-PHASE2 is a Next Generation Online Experience project which includes Service Support Zone application (SSZ) and Enterprise Web Services and many other small applications. SSZ is service support site for customers and partners of EMC products.

### **Responsibilities**

* Proactively seeks opportunities to implement improvements to internal development processes.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of **build scripts, continuous integration infrastructure and deployment**.
* Setting up the automation environment for Application team if necessary, and help them through the process of **build and release automation.**
* Create and Maintain Subversion **Branching, Merging and Tagging** across each production releases and perform builds using Jenkins Continuous Integration using maven Build scripts.
* Manage the Source code to have Latest version of code available from **production releases.**
* Assist engineering management in making choices for source code management systems, and other development.
* Supporting engineering **plans and schedules** by providing CM/Release Engineering services to build**, deploy, develop scripts, oversee branch and merge strategies**, and build automated tools as necessary to offer services to engineering team.
* Focused on **automation and integration.**
* Monitored developed applications and **fixed bugs**.
* Created a continuous delivery pipeline from the ground up built with **git, puppet and Jenkins for Target's** Finance Integration Team.
* Each Java application is automatically **built, packaged** and tested with git hooks and then deployed to the various environments.

**Project # 1:**

**Project Name :** Customer Support Service (CSS)

**Client** **:** Hewlett Packard

**Duration** : June 2014 to April 2015

**Role** **:**  Tableau Developer

### **Description:**

Migration for the HP, we did migration for the HP going to split into two HPI and HPE. These Employees are present in APJ (Asia Pacific Japan) region, for these we are going to splatted the data in two who are in HP and HPE. Presently the data is in APP Server so we moved the data into the Cloud server. We worked under the PPS and CSS team Printing and Personal System, Customer support and

### **Responsibilities**

* **Build, manage,** and continuously improved the build infrastructure for software development engineering teams including implementation of **build scripts, continuous integration infrastructure and deployment.**
* Proactively seeks opportunities to implement improvements to internal development processes.
* Implemented **continuous integration using Jenkins**.
* Created repositories as per the structure required by business needs.
* Analysed and resolved conflicts related to merging of source code for SVN.
* Attended sprint planning sessions and **daily sprint stand-up meetings.** Utilize Jira for issue reporting, status, and activity planning.
* Educate and mentor the engineering team on the **organization’s build systems** and processes.
* When required applied patches as per the **release process**.
* Conducting or supporting the deployment of software **releases into development and test environments, troubleshooting release package, and deployment procedure** or environment configuration issues.

**Declaration**:

I hereby, declare that the above information is true to the best of my knowledge and belief.

**(chiranjeevi)**