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Career Objective

Extremely passionate and dedicated professional seeking an organization that persuades learning and has scope for personal and professional growth in the field of automation, configuration and deployment management.

Professional Summary

- Having **4+ years** of experience as **DevOps Engineer** with extensive experience **Software Configuration Management and Cloud Services**.
- Ability to manage SCM processes which include **compiling, packaging, deploying and application configurations**.
- Provisioned multi-stack servers with the help of configuration management tool, **Ansible**.
- Extensive experience in using Version control systems includes **GIT**.
- Good Understanding of agile development methodology and branching strategies required for agile projects.
- Remote system administration using tools like SSH.
- Maintaining Patches and Packages to keep the servers up to date with latest OS versions.
- Experience in Agile technologies such as **scrum**.
- Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as war & ear from source code.
- **E**xperience on Automate the Build and deploy of all internal PHP, Python, Java applications to lower environments integrating using Ansible, and Jenkins.
- Expertise in building automated **CI/CD pipeline** with the help of Jenkins and version artifacts using Nexus repository manager.
- Provisioned environments using Container Tool **Docker**
- Implemented the **Docker files to create Docker images** with all requirements to run the server.
- Experience on **Kubernetes deployments yaml files** to run applications in **the Kubernetes cluster**
- Experience on AWS cloud services such as like **EC2, RDS, S3, ELB and EBS.**
- Experience on Infrastrucute as a code(**IAAS) Terraform**
- Experience of configuring highly available, secure and robust virtual private cloud (VPC) in AWS.
- Extensive experience in working with various teams such as QA, Engineers and other teams to ensure automated test efforts are strongly integrated with the build system.
- Efficient in tracing complex build problems, release issues and environment issues in a multi component environment.
- Managed environments **DEV, QA & UAT** for various releases and designed instance strategies
- Extensively worked on **Jenkins** for continuous integration and for End-to-End automation for all Build and deployments.
- Knowledge on Puppet installation and setup.
- Prepared and Maintained **Build, Release and Deployment documents**.
- Automation the setup of Environment using appropriate tools / script
- Experience in working on **Linux** operating systems such as **Red Hat and Ubunt**
- Experience in Application Programing Interface **(API)** to intracive with different application.

Devops and other activities

- Maintaining and automating the continuous flow from **development to deployment.**
- Process development and automation for **Agile Development** (Scrum Methodology)
- Helping developers and testers to setup their environment and trouble shooting.
- Researching, analyzing, giving demo, documentation and encouraging the teams to use new technologies for better performance and stability

Experience:

Working as a **Devops Engineer** in **SKY LAB INFOTECH PVT LTD, Bangalore** from **NOV-2017 to Till Date**.

Education:

Bsc Degree From Srikrishna Devaraya University,**Andhra Pradesh** in 2015.

Technical Skills

Cloud Environment	: Amazon Wed Services,(Azure Basics)
IAAS	:Terraform
Operating Systems	:Red hat Linux, Ubuntu, Windows Family
Version control tools	:GIT.
Build tools	: Maven
Scripting Languages	: Shell Scripting, Groovy Scripting,
Application Servers,Web Application	:Websphere, Apache Tomcat, API
Continuous Integration Tool	: Jenkins.
Containerization	: Docker.
Ticket creation tool	: JIRA, Sonar.
Configuration Management	: Ansible,
Container orchestration	: Kubernates
Code Quality	:Sonarqube
Artifactory	: Nexus

Professional Experience :	

Project / Client   : **Api Data Track**

  Duration   : Dec-2017 to Aug-2019

  Role   : DevOps Engineer

Tools/ Environment   : AWS(EC2,S3),GIT,Jenkins,Docker,Ansible,ShellScripting ,Mysql,Maven,Tomcat

Roles and Responsibilities:

➤ Experience in Working with Public Cloud Platform like **Amazon Web Services such as EC2, S3, EBS, VPC, ELB, Auto Scaling, Route53, Security Groups, Cloud Watch, Cloud Front, Cloud Formation, IAM, RDS.**

➤ Extensively worked on creating **Multiple AWS instances, Creating Elastic Load Balancer and Auto scaling** to design cost effective, fault tolerant and highly available systems.

➤ Experience in **creating User/Group Accounts** and attaching policies to User/Group Accounts using AWS IAM service.

➤ Defined AWS Security Groups which acted as virtual firewalls that controls the incoming traffic and configured the traffic allowing reaching one or more **AWS EC2 instances** Virtual private cloud (VPC), subnets, **Internet Gateways**, **S3 bucket and route 53** under Amazon Cloud Environment.

➤ Setting up databases in AWS using **RDS, storage using S3** bucket and configuring instance backups to S3 bucket.

➤ Experience on working with Software **Versen Controll Tool GIT**.

➤ Extensively worked on **CI/CD pipeline Jenkins** for all builds and deployments.

➤ Extensively involved in installing and configuring different **monitoring tool Splunk.**

➤ Experience using **MAVEN** as build tools for the building of deployable artifacts.

➤ Experience in writing scripts (BASH, SHELL) for Continuous Deployment.

➤ Worked with **DOCKER** for different infrastructure setup and Testing of code.

➤ Worked on web servers like Apache and application servers like **Web logic, Tomcat**, and JBOSS

➤ Experience in Administering GIT in Distributed Environments.

➤ Good understanding in Software Configuration Management, and **Agile Methodologies**

➤ Configured plug-ins for the integration tool to the **version control tool**.

Project / Client	**:**	Tesco Platform Automation Service
Duration	**:**	Sep-2019 to Till Now
Role	**:**	Build and Release Engineer
Tools/ Environment	**:**	Git ,Maven,Jenkins,,Ansible,Docker, Linux,Kubernaties,

Roles and Responsibilities:

- Interacted with supporting teams to understand **client deployment** requests.
- Coordinate with the Development, Database Administration, QA, and IT Operations teams to ensure there are no resource conflicts.
- Worked closely with Project Managers to understand a code/configuration release scope and how to confirm a release was successful.
- Implemented continuous integration using **Jenkins CI/CD**
- Created repositories according the structure required with branches, tags and trunks.
- Analyzed and resolved conflicts related to merging of source code for **Git and Git Hub**
- Attended sprint planning sessions and daily sprint stand-up meetings.
- Created jobs for tagging and branching.using **Git commands**
- Configured application servers (**Tomcat**) to deploy the code.
- Provisioned environments using Container Tool **Docker**
- Configured Tomcat application server for hosting web apps.
- Configured plug-ins for the integration tool to the **version control tool**.
- Utilize Jira for issue reporting, status, and activity planning.
- Extensively used **Maven** tool to do the builds**, integrated Maven to Eclipse**.
- Integrated Maven with Jenkins for the builds as the Continuous Integration process.
- Build Java code in different Jenkins servers as per the schedule.
- When required applied patches as per the release process.
- For New applications, work with development team to get the requirements of application build and deployment process.
- Once the process KT is complete from development team, write **build and deployment scripts** according to SCM team standards and processes to QA, IST, and UAT Environment.
- After complete of the scripts development and process setup, execute the builds and deployments to all above environments based on weekly scheduled build calendar

Declaration

I do hereby declare that the above information is true to the best of my knowledge

Date: (K Varaprasad Reddy)