Hyma M

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Objective:

To make contribution to the organization to the best of my ability and to develop new skills and share my knowledge while interacting with others and achieve new height.

Qualification Highlights:

· DevOps Engineer   · Configuration Management   · Build and Release Management
· Cloud Management   · CI/CD

Professional Summary:

- Having around 4+ years of experience in IT industry, which includes experience in implementation of **DevOps** in the field of Automation, **Software Configuration Management and Cloud Services.**
- Proficient in automating **CI & CD** pipeline using **Jenkins** tool.
- Installing and configuring Jenkins on a Linux machine and created a **Master and Slave** configuration to implement multiple parallel builds through a build form
- Working Experience in DevOps tools such as **Git, Maven, Jenkins, Docker, and Ansible, AWS, Linux**.
- Experience to Set up **Nexus** and Deploy Artifacts into that. downloading **artifacts** for testing and deploying to applications
- Built and deployed various **Ansible playbooks** and modules in the Production and pre-production environments.
- Worked with **Ansible** in conjunction with Vagrant in a DevOps environment to enable CI/CD process
- Familiar with Amazon AWS Cloud Administration which includes services like: **EC2, S3, EBS, VPC, RDS, Route 53, Auto scaling, IAM, Security Groups.**
- Experience in integrating Unit Tests and Code Quality Analysis Tools like SonarQube. Integrated **SonarQube with** Jenkins for continuous inspection of code quality
- Experience in Docker like Installing, creating from **Dockerfile** to Docker Images and Docker Containers.
- I am participating to create a work item, boards, sprint, create dashboards, added new teams in project, added new members into team.
- Create a **docker-compose** file for the local-test environment in dev and testing.
- Have experience on Configuration Management tool - **Ansible**.
- Good Knowledge on **Kubernetes** container orchestration tool.
- Handled environments **DEV, QA, UAT** and **PROD** for various releases and designed instance strategies.
- Experience in using **Nexus** for artefact storage and for downloading artefacts for testing and deploying to applications.
- I have good experience on to Schedule the cronjobs by using **Pollscm**, **Build periodically** in Jenkins.
- Worked on **Ansible, Ansible Ad-Hoc commands, Modules, Roles, writing Playbooks in YAML**.
- Used Jenkins for Continuous Integration of the environment and testing of the environment using various plugins.
- Expertise in using build tools like **MAVEN** for the building of deployable artifacts such as War &Ear from source code.
- Involved in the deployment of applications in **Apache Tomcat Server.**
- I Have Knowledge in configuring **AWS Beanstalk** for static web applications and successfully integrated **AWS Beanstalk** with **Jenkins** for deployment of applications.
- I have Knowledge on python scripting.
- Extensively worked with Version Control Systems GIT. Branching, Merging. Worked on Version Control System like GIT throughout Dev/Test/Prod Branching to perform daily and weekly Software Builds.

- Experience in writing Ansible playbooks for installing the packages like **Apache**, **tomcat**, **MySQL**, **Nginx** in Linux machines.
- Experience on automating build and deploy of Java applications to different environments like **Dev, QA, and UAT** by using **Ansible** and **Jenkins**.
- Knowledge on **Software Development Life Cycle** (SDLC) processes like Scrum Model, water fall model.
- Installation, configuration and administration of Virtual Box for Ubuntu Linux servers.
- Worked on Docker for creating & composing **Docker files**, developing **Docker images**, and running containers for testing.
- I am participating to create a work item, boards, sprint, create dashboards, added new teams in project, added new members into team.
- Worked services using **Docker Swarm** for running the application on cluster mode.
- Have excellent problem solving, time management skills, ability to work independently and under pressure and as part of a team.
- Experience in leading the efforts of Deployment and **Build Engineers for Linux Environment.**
- Auto scaling, continues development and deployment by using the **Kubernetes**, write a pod for deployment into the production.

Technical Skills:

Operating Systems	:	Red Hat Linux, Ubuntu, Centos
Version Control Tools	:	Git, GIT hub
Build Management Tools	:	Maven
Continuous Integration Tools	:	Jenkins
Configuration Management Tools	:	Ansible
Cloud Technology	:	Amazon Web Services
Virtualization	:	Docker
Container Orchestration	:	Kubernetes
Monitoring tools	:	Cloud Watch
Software Repository Managers	:	Nexus, S3

Professional Experience:

Working in **Cyber Information Systems Pvt Ltd** from April 2020 to Present

Education Qualification:

B. Tech (ECE) from A.C.T College of Engineering and Technology, 2012

Project Summary:
Project 1:

Client	:	**Pinnacle Foods**
Role	:	**DevOps Engineer**
Duration	:	**April 2022 - Present**
Location	:	**Parrispany, NJ**

Roles and Responsibilities:

- Writing **Ansible Playbooks** and creating roles for scalability and reusability to manage the infrastructure.

- Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
- Rapid-Provisioning and **Configuration Management** for Linux, Windows using **ansible.**
- Used **Ansible playbooks** to manage configurations and automate installation process.
- Integrated delivery (CI and CD process) Using Jenkins.

- Creating Ansible **Templates, workflows, users, credentials** by using **Ansible Tower**
- Setup **Elastic Load Balancer** for distributing traffic among multiple Web servers and application servers.
- Used Jenkins for Continuous Integration and deployment into **Tomcat Server**.
- Automated AWS components **like EC2 instances, Security Groups, S3, ELB, IAM through Terraform.**
- Used Maven as a build tool on java projects for the development of build artifacts on the source code..
- Have working knowledge on **Jenkins** for Build Configuration.
- Configured packages, services using **Ansible** modules like yum, service, template, handlers etc.
- Configuring **Apache Tomcat** server and **Nginx**, **MySQL** server using **Ansible**.
- Created and managed custom **CentOS** and Linux based **AMI**s.
- Automated the builds and deployment of JAVA projects using **MAVEN** and **Jenkins.** Maintained build related scripts developed in **MAVEN** and modified build configuration files including POM.xml.
- Involved in deploying the content cloud platform on Amazon Web Services using **Elastic Bean Stack, S3**
- Container orchestration using Kubernetes. Installing and designing **Kubernetes** clusters, running jobs and deploying pods.
- Writing the **deployment**, pods **creation**, **service**, **ingress load balancer**, **helm charts** by using the **Kubernetes** tool.
- Install **Docker**, create private **Docker registry** and push images
- Create **Dockerfile**, launch **Docker containers** and **manage volumes.**
- Create and setup automated build environment for java projects using **maven**.
- Managed **Nexus** repositories to download the artefacts (jar, war & ear) during the build.
- Created infrastructure using **Docker containers.**
- Successfully integrated **Jenkins** with **Docker** to push the images to the **Docker hub**.

Project 2:
Proofpoint
Role: DevOps Engineer/Linux Administrator
Duration: April 2020 – March 2022
Location: Sunnyvale, CA

Roles and Responsibilities:
- Configured **Git** with **Jenkins** and schedule jobs using **POLL SCM.**
- Worked in setting up CI/CD pipeline using Jenkins, Maven, and GitHub.
- Worked on Jenkins administration, installing and configuring Jenkins master, adding Jenkins slaves, setting up various configurations and plugin management.
- Performed **RPM** and **YUM** package installations.
- Creating **Roles** in Ansible for configuration management and deployment.
- Provide a **Ansible-Vault** for Security for Ansible-playbooks
- I have experience on installation of **Docker** on different environment in Linux.
- I have participated in the **Docker Swarm** by using Docker images.

- Experienced in branching, tagging and maintaining the version across the environments using SCM tools like **GIT** on **Linux.**

- Manage systems routine backup, scheduling jobs and enabling cron jobs. .
- Create **Docker files**, **Docker images** and push those images into the Docker Hub.
- Installing and Setup **Apache Tomcat Server** and Deploying Artefacts into the Server.
- Installing Ansible, Creating inventory file and Ansible configuration files.
- Created Multifactor Authentication for AWS Users in the organizations by using **IAM**
- We use **GitHub** to keep all our source code and automation scripts.
- Creating and maintaining the Jenkins slaves for distribution of loads and run the parallel builds.
- Verifying the logs if build fails and Building pipelines in Jenkins and provisioning Jenkins environment

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