**Manjula.T**

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**PROFESSIONAL SUMMARY:**

* Having **5.3** Years of experience in IT Industries as **Devops configuration**, **Build and Release Engineer** and **AWS cloud** in **Linux** Environment.
* Hands on expertise in implementing DevOps culture through CI/CD tools like **Jenkins** and configuration management tool **Ansible** and container technology **Docker**.
* Hands on experience with version control tool like **GIT.**
* Responsible for performing tasks like **Branching, Tagging, Merging** and **Release Activities** on Version Control Tool like **GIT**.
* Having experience using **Maven** as a build tool for building deployable artifacts from source code.
* Administering Jenkins CI/CD build engine for deploying, configuring, managing, maintaining jobs as per project's requirements.
* Expertise in implementing DevOps culture through CI/CD tools like Jenkins for distributed builds (master slave).
* Good experience in Jenkins to writing **Jenkinsfile** for complete infrastructure **CI / CD** pipeline using **Groovy** Script.
* Setting up of Maven, Tomcat, Sonar, Nexus and Jenkins on build server for providing security.
* Have good knowledge and experience in AWS services like EC2, S3, EBS and IAM, ELB, Auto Scaling, VPC, AMI   etc.
* Experience in building and deploying java applications and troubleshooting the build and deploy failures.
* Having good experience in **Containerization** tools like **Docker** and **Kubernetes** as using for **Deployment** purpose on Kubernetes cluster.
* Application Deployment and environment configuration using **Ansible**,
* Responsible for creation and management of Ansible Playbooks.
* Extensively worked Jenkins for CI and for End to End automation for all build and deployments.
* Installing and configuring SonarQube**,** integrated Jenkins with SonarQube for static code analysis
* Integrated Jenkins with Nexus for storing artifacts and Push the images into docker private **Registries**.
* Creating custom image from a DockerFile.
* Build **Docker** images with **Docker file** and make required changes and builds new **images**, Also will test the images and implementation on the **Docker images** in environmental basis.
* Good Experience for written **YAML** scripts on **Kubernetes** for **service** and **deployments** as per requirement.
* Experience in deploying the code through web/application server like Apache **Tomcat.**
* Maintained and managed different environments and automation for QA,staging,UAT & Pre Prod.
* Experience with the automation of **cloud infrastructure** using **Ansible** Playbooks and **Terraforms.**
* Experience on Monitoring tool like **Cloudwatch, Prometheus, Grafana**.
* Having Good Knowledge on **ELK**..
* Experience on ticketing tools Like Jira.

**TECHNICAL SKILLS:**

* SCM Tools : Git,Gitlab, GitHub.
* Build Tool : Maven
* Scripting Languages : Shell Scripting, Groovy(pipeline jobs)
* CI/CD Tool : Jenkins
* Configuration Management tool :Ansible(Playbooks, Roles)
* Application Server : Apache Tomcat
* Web Server : Apache
* Cloud Technologies :AWS
* Operating Systems : Linux(RHEL,Ubuntu,Centos)
* Artifactory Repository :Nexus
* Code Quality :SonarQube
* Container technology :Docker (Docker Swarm, Kubernetes)
* Bug/Defect Tracking Tool :Jira
* Monitoring tools :Prometheus, Grafana, Cloudwatch

**PROFESSIONAL EXPERIENCE:**

**COMPANY : Wibmo**

**ROLE : DevOps Engineer**

**TOOLS : Linux,Git,Maven,Jenkins, SonarQube, Ansible, Docker, Kubernetes,JIRA.**

**CLOUD : AWS**

**DURATION : June 2018 to till date**

**Role & Responsibilities:**

* Have good experience in Build/Deploy Pipeline Setup and End-to-End Job Setup of all the projects.
* Responsible for creating **Branches,Tagging, merging** and resolving **merging conflicts** in Version Control System and Updating deployed modules during release processes.
* Built Continuous Integration and Continuous Deployment using **Jenkins** and **Ansible**.
* Create Automation Job using Jenkins & Ansible.
* Created **Multiple Nodes** from **Jenkins master serve**r.
* Build the artifacts by using **Maven**. And **Gradle**
* Configuring and integrating of **Java/JDK, Maven, and Git, Sonarqube…**etc with **Jenkins**
* Creating various **CI/CD pipelines scripts** by integrating Git**,** Maven**,** SonarQube, Docker, Ansible**.**
* Managing the code quality and code review tool **SonarQube** and Managing Artifactory storage management tool **Nexus** for storing artifacts.
* Launching EC2 Cloud instances using Amazon Web Services and configuring launched instances with respect to specific applications.
* Managed servers on the Amazon Web Services platform instances using Ansible Configuration management.
* Used Ansible for Automating environment configuration, and Application Deployment.
* Responsible for creating and managing Ansible Playbooks.
* Having experience in creating custom Docker images using **Docker files**.
* Hands on experience in delivering container-based deployment using Docker.
* Created Docker images using Docker files to support Containerization of Applications.
* Build and customized Docker images as per requirement using Docker files.
* Deployed various applications through Docker Containers.
* Configuring the Docker containers and creating Docker files for different environments.
* Widely used Docker composes for creating the DEV and QA Env.
* Experience in Applying Configurations to the PROD Infrastructure using Docker And Ansible.
* Clear understanding of deployment concepts of Tomcat/Apache and deployed various Jar/war files.
* Setting up / Monitor build server for continuous integration with Jenkins for daily/nightly and weekly based builds.
* Working on Amazon Web Services (IAM, S3, EC2, ELB, VPC, RDS, CloudWatch)
* Creating and managing AMI/Snapshots/Volumes, Upgrade AWS resources (CPU, Memory, EBS).
* Configure monitoring tools like Cloud Watch, setup alarms and event triggers to ensure reliability of applications in the cloud.
* Works with developers, QA and Product support teams to identify and resolve build problems.
* Provide support to Production, UAT, Development environments

**COMPANY : TechnoSoft Global Services Pvt Ltd**

**ROLE : Build & Release Engineer**

**TOOLS : Git, GitHub, Maven, Jenkins, Nexus, SonarQube, Ansible, Linux, Bash Shell Scripting, Jira, Linux.**

**DURATION : March2016 to May 2018**

**Role & Responsibilities:**

* End to end infrastructure support to the project, that includes coordinating with different teams and setting up their physical environment setup and supporting the same.
* Build, stage and release the software on the different test environments.
* Version Control Tool administration: Setup GIT server, creating repositories, new users for GIT and Maintain git Repositories, Handling Releases and Branching , tags activities for Github.
* Responsible for creating **Builds and Deployments jobs** and configure them in **Jenkins**
* Setup and Configuration of Jenkins CI tool for automated build process
* Configured Git with Jenkins and schedule jobs using **Web hooks ,POLL SCM** option.
* Installing and updating the **Jenkins plug-ins** to achieve CI/CD.
* Handle multiple builds from Development team and QA team, create build jobs in Jenkins and perform deployment activities.
* Responsible for taking the source code and compiling using **Maven** and package it in its distributable format, such as a **JAR / WAR**.
* Monitoring daily builds using continuous integration tool **Jenkins.**
* Experience in integrating Unit Tests and Code Quality Analysis Tools like **SonarQube.**
* Automated deployment process, where it copies the **Jar & War** files and starts deploying into **Tomcat** Environment using **Jenkins.**
* Developed **shell scripts** for automation of the build and release process.
* Keeping track of Release files for every release.
* Have experience in deploying applications using **Ansible.**
* Work closely with **Development** and **QA teams** on Build and Deployment issues
* Troubleshoot application related issues.
* Collaborate with different teams to deploy application code into **Dev, QA, and Staging.**

**EDUCATION DETAILS:**

* Institution: Jawaharlal Nehru Technological University, Anantapur.
* Degree: Bachelor of Technology in Electronics and Communication Engineering.