**PRADEEP kumar REDDY**

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**PROFESSIONAL SUMMARY**

* Over **4.2years** experiences as a **DevOps / Build and Release**, **optimization support and administration**. DevOps Engineer understands the melding of operations and development to quickly deliver code to customers.
* Detailed technical knowledge and hands-on experience of DevOps, **Automation, Build Engineering, Configuration Management** and providing architectural solutions in various Infrastructure technologies.
* Extensive experience in the **implementation** of fully automated **Continuous Integration, Continuous Delivery, Continuous Deployment pipelines** and DevOps processes for **Agile projects** across the **Financial and Healthcare** Sectors.
* managing cloud services with **AWS** Mainly concentrated on **ELASTIC LOAD BALANCE, AUTO SCALING,EBS), VPC, S3, IAM, RDS.**
* Installation, Configurations of **Jenkins for continuous integration.**
* Experienced in deploying **EAR, JAR**, and **WAR** in **Tomcat, JBoss** Application Servers in Linux/Windows Environments,
* Managing deploying and maintaining application in **DOCKER** containers by using **KUBERNETES**
* Good knowledge in creating the **Docker Images** and configuring the images in Jenkins.
* Launching and configuring of Amazon **EC2 (AWS)** Cloud Servers using **AMI's (Linux/Centos)** and configuring the servers for specified applications.
* Good communication skills (written and verbal) and Good Team player and also a self-motivated individual with analytical and problem solving skills with customer focus.
* Good experience working in **Agile** Methodology(scrum).

**Technical Experience**

* **DevOps Tools :** Git, Maven, Jenkins, Ansible, Terraform, CloudFormation,

Docker

* **CI/CD Tools :** Jenkins
* **Scripting languages :** Shell Scripting,Bash, Python
* **Operating Systems :** Linux (Redhat, CentOS, Ubuntu),Windows
* **Virtualization :** Docker, VirtualBox
* **Cloud Computing :** AWS
* **Web/App Servers :** Apache, Nginx, Tomcat
* **Monitoring Tools :** Nagios, CloudWatch

**work experience**

Working as a DevOps Engineer for **NVizion Solutions** , Hyd from **May 2017 to Till date**.

**Academic Details**

* **B.Tech** (Civil Engineering) from **JNTU Anantapur.**

**PROFESSIONAL EXPERIENCE**

**PROJECT DETAILS:**

**Project: 2**

**Description:**

Responsible for handling various projects providing automation solutions in various Infrastructure technologies as well as Automation.

Helping Technical Teams into implementation according to designed solution, working on POC’s. Handling various projects by providing automation solution to Internal infra, support for Internal Products like FIX-ENGINES, Daytona, Flyer Online.

**RESPONSIBILITIES:**

* Implemented end-to-end automation of VMWare infrastructure for a Healthcare customer using DevOps with Puppet,Jenkins and Foreman As a result overall infrastructure deployment was reduced from 2 months to few days.
* Creating repositories and adding users.
* Providing Access to the members who want to work on GIT Repo.
* Creating Branches and Tags.
* Merge activities and resolving conflicts raised at the time of merge.
* Hands on experience in setting up and configuring JENKINS Tool.
* Creating maven jobs in Jenkins.
* Build and Release process automation.
* Deep knowledge of CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins.
* Configuring Jenkins with the Subversion and build like maven/ANT.
* Responsible for maintaining Multiple DevOps tools & configuring across all projects Subversion (SVN), GIT, Maven, Jenkins.
* Deep knowledge on CD (Continuous Deployment) methodologies.
* Working experience with Docker to create the Docker images.
* Define and implement procedures for monitoring, alerting, auto scaling, backup logging.
* Deployments for Production / Staging as well as troubleshooting production issues.
* Manage cloud environment and maintain VM, Instances High Availability.
* Streamlined automation the process for Testing, Dev and Sales environments.
* Maintaining SVN and Maven and Nexus.
* Maintaining Jira & Confluence.
* Implemented SonarQube for code quality check and Nexus repository and integrated them into Jenkins to achieve Continuous Integration.
* Worked on AWS services such as Setting up new server (EC2) instances/services in AWS, configuring security groups, and setting up Elastic IP's, auto-scaling configuration, and Cloud Formation and OpsWorks.
* Monitor and fix the continuous integration builds running in Jenkins.
* Managing all phases of Build and Release activities and deployment.

**Project: 1**

**Description:**

Responsible for handling Data Center and Cloud assessment for Transition & Transformation Planning includes IT Infrastructure Automation, Cloud Assessment, Migrations, and Server’s virtualization checks and so on. Helping Technical Teams into implementation according to designed solution, working on POC’s.

**RESPONSIBILITIES:**

* Implemented DevOps solution to a HealthCare customer which transformed their delivery process which used to take about 2 weeks to few hours.
* Installing GIT.
* Maintaining Branch and tags creation in a GIT document.
* Experience in configuring GIT to the CI tool like Jenkins.
* Responsible for maintaining GIT documentation.
* Coordinating with Developers for merge issues to resolve conflicts.
* Creating War/Ear files using Maven build tools.
* Responsible for taking the build and deployment using Jenkins and Maven.
* Responsible for creating the new build setup and new projects using Jenkins.
* Troubleshooting issues while taking build.
* Deploying Builds to the application servers.
* Monitoring the builds results.
* Good experience in CI tools like Jenkins
* Working experience with Jenkins automation configured with Maven and GIT.
* Adding plugins or updating plugins in Jenkins.
* Monitoring build results in Jenkins and deploying successful artifacts to the application servers from Jenkins.
* Resolving Jenkins issues.
* Help Development teams automate the environment setup using tool like Ansible.
* Working experience with Kubernetes to create “deployments, pods, namespace, service” with yaml file.
* Resolving the docker and Kubernetes issues.
* With the help of ansible We automate the infrastructure.
* Executed cloud migration for a leading Insurance provider and helped move 4 applications to AWS infrastructure in few weeks by implementing infrastructure automation tools.
* Effectively negotiating with technical peers and customers to implement technical solutions.
* Analysing technical problems and creating solutions involving the use of existing techniques and/or tools.
* Preparing and recommending technical alternatives involving technology, methodology, tools, processes, and solution components for cost optimization.
* Preparing Technical Doc's & Procedures for team Discussions.
* Coordinating with various teams (Network, Firewall, Application, System etc.).
* Recommending hardware, OS and other related tools depending on the client requirement.
* Configure/Create Golden AMI’s with Packer scripts for required environments.
* Creating the Docker images and tagged them push that image for all the promotional environments for all the applications.
* Deep knowledge on CD (Continuous Deployment) methodologies.
* Working experience with Docker to create the Docker images.
* Define and implement procedures for monitoring, alerting, auto scaling, backup logging.