**Himaja Reddy M**

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**OBJECTIVE**

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Looking forward to a position as **DevOps Engineer** in a challenging working environment where there is possibility for perfection to strive harder with complete perseverance to reach the ambitions of the organization and personal aims too.

**TECHNICAL EXPERTISE**

* Experienced and Innovative **DevOps Engineer** with **3.4 Years** expertise in Software Configuration, Release Management, Building & Deploying Software. Automation, Control & Environment Management activities in Web & Enterprise Application
* Administration/Maintenance experiences in **CI/CD** tool like **Jenkins**
* Well versed in maintaining the code base for each project using SCM tools like **GitHub** and **GitLab**
* Worked with **Java** based build tool **Maven** and having extensive knowledge in pom.xml
* Established Code Standards and Configuring Java based Quality Profile & Quality Gates in **SonarQube** Code Quality Analysis Tools as per client’s requirement
* Experience in working with **Nexus** Artifactory Repository Managers for Maven builds
* Experience in Configuring and Deploying applications in **Tomcat & Jboss/WildFly** application servers
* Experience in using **Apache & Nginx** web servers for deployments and hosting
* Configured and maintained Jenkins to implement the CI/CD process and Integrated the tool with **Maven** to schedule the builds and automated the deployment on the application servers using various plugins in **Jenkins**
* Experience in Setup deployments and managing different environments **DEV, SIT, UAT, PRE-PROD & PROD**
* Hands on experience in Configuration Management tool **Ansible**, have written **Ansible Playbooks** in **yml/yaml** script to configure servers
* Working experience in **Docker** Containerization tool and deployed applications using containers in various environments
* Expertise in creating **Docker Images** and maintaining Docker Images in private artifactory repository **Nexus**
* Experience in **Shell Scripting** & **Linux Administration**
* Experience in working with **Docker Swarm** Container Orchestration tool to deploy & maintain containers
* Experience in **Amazon AWS** Cloud Administration which includes services like **EC2, S3, EBS, EFS, VPC, ELB, AMI, IAM** and **Security Groups**
* Experience in creating Amazon **AWS EFS** to mount a running **Docker Container** in order to take data backup
* Hands on experience in **Newrelic** monitoring tool to monitor major metrics like Network packets, CPU utilization, Load Balancer Latency

**TECHNICAL SKILLS**

Operating Systems : Linux (Red Hat 6/7), Ubuntu, CentOS

Scripting languages : Shell Scripting

Version Control Tool : Git

Source Code Management Tool : GitHub & GitLab

Build Tools : Maven

Artifactory Repository : Nexus Artifactory

Code Quality Monitoring Tool : SonarQube

Application Server : Tomcat and Wildfly

CI/CD Tools : Jenkins

Configuration Management : Ansible

Containerization Tool : Docker

Container Orchestration Tool : Docker Swarm

Monitoring Tools : NewRelic

Ticketing Tool : Jira

Cloud Platform : AWS (EC2, EBS, EFS ,S3,VPC)

**WORKING EXPERIENCE**

* Currently working as **Devops Engineer** in Zynot Software Pvt. Ltd., Bangalore from March 2016 onwards (3.4 Years)

**EDUCATIONAL DETAILS**

* Graduation in **Bsc** from Yogi Vemana University, Kadapa (Pass Out Year : 2015, Class: **First Class**)

**PROJECT DETAILS**

**#Project 1**

|  |  |
| --- | --- |
| **Client** | ***Digital KYP (HealthCare), USA*** |
| **Role** | *DevOps Engineer* |
| **Period** | *April 2016 to Present (3 Year 3 Months)* |
| **Environment** | *Linux, Shell, Git, GitHub, Maven, Nexus, SonarQube, Wildfly, Docker, Docker Swarm Ansible, Jira, NewRelic, AWS* |

**Description**

Digital KYP helps to streamline Provider Enrollment, Screening and monitoring which in turn helps reduce fraud and abuse. In our solution ordering or referring physicians or other professionals will been rolling as participating providers. Once Providers are enrolled automatically, KYP system will screen and will do the checks like, Verification of provider licenses, Termination or denial of enrollment of any provider terminated by Medicare or another State Medicaid program, Federal database checks, NPI requirement on all claims for all items or services rendered, ordered or referred. All the registered providers will be regularly monitored and Alerts will be generated with KYP System

**Roles & Responsibilities**

* **DevOps Engineer** for a team that involved different development teams and multiple simultaneous software releases
* Developing and implementing software release management strategies for various applications in Agile **Methodology**
* Participating in weekly release meetings with technical stake holders to identify and mitigate potential risks associated with the releases
* Managing Version Control with **GIT**
* Setting up **Maven** proxy repositories in **Nexus** artifactory repository to download dependency for the projects using Nexus proxy repository which is scheduled in **Jenkins** for continuous integration.
* Responsible to creating Maven and build scripts for Java EE application to produce the build artifacts (.**jar**, .**ear** and .**war**) files from the source code and tweak the scripts as per the requirements.
* Generating Project code quality HTML report by pushing the project code to **SonarQube** code quality monitoring tool
* Creating build and deployment jobs in **Jenkins** for various project modules
* Administering **Jenkins** **CI/CD** build engine for deploying, configuring, managing, maintaining jobs as per project’s requirements
* Configured automated builds like **Webhooks**, **Poll SCM** in **Jenkins** to meet project’s build requirement
* Configured parallel jobs and deployments to different environments using **Jenkins Master-Slave** technique which is based on pipeline script
* Experience in **WildFly** application server for deploying enterprise Java EE applications with its support and new features
* Configuring **Docker** with **Nexus** private repository to pull its images through docker proxy and pushing created docker images containing applications to docker hosted repository
* Creating **Docker images** embedded with (.jar, .war& .ear) applications with its hardware and software dependency
* Maintaining a backup of created **Docker Image** in **Nexus** private repository and deploying the containers in various environments using **docker-compose** feature
* Configuring **Docker Swarm** to manage containers running on deployment serves
* Updating changes in deployment servers by using **Ansible,** Configuration Management tool by using ansible **yml/yaml** script
* Working within the **AWS** Cloud for configuring a secure **VPC** and **VPC PEERING** across vpc’s
* Monitoring the Performance (memory and CPU or any weird response) and volumes in EC2 instances
* Configure Server monitoring tool like **NewRelic** to monitor server’s CPU availability, Database load

Place: Bangalore

Date : **(HIMAJA REDDY.M)**