**SREEKANTH 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,Apache & NGINX** 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** .
* 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 **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**
* Hands on experience in **Nagios, Aws cloud watch** 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

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 apache

CI/CD Tools : Jenkins

Configuration Management : Ansible

Containerization Tool : Docker

Container Orchestration Tool : Docker Swarm

Monitoring Tools : Nagios

Ticketing Tool : Saphire

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

**WORKING EXPERIENCE**

* Currently working as **Devops Engineer** in **VERSATILE MOBITECH** Pvt. Ltd., Bangalore from AUG 2016 onwards (3.4 Years)

**EDUCATIONAL DETAILS**

* Graduation in **B.Tech**  from VIKARAMA SIMHA PURI University, Nellore(Pass Out Year : 2015, Class: **First Class**)

**PROJECT DETAILS**

**#Project 1**

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| --- | --- |
| **Client** | ***MEXUS EDUCTION ONLINE ,NAMDHARI FRESH COMMERICIAL WEB APPLICATIONS*** |
| **Role** | *DevOps Engineer* |
| **Period** | *AUGUST2016 to Present (3 Year 4 Months)* |
| **Environment** | *Linux, Shell, Git, GitHub, Maven, Nexus, SonarQube, , Docker, Docker Swarm Ansible, Nagios, AWS* |

**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
* 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 **Nagios**  to monitor server’s CPU availability, Database load

Place: Bangalore

Date : **(SREEKANTH REDDYM)**