**DevOps & Cloud Engineer**

**SHASI.M**

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**CAREER OBJECTIVE**

To be associated with an Organization that gives scope to apply my Knowledge and Skills to Contribute for progressive growth of the organization and to grow myself as a professional capable of making a positive change for my Organization.

**Professional Summary:**

Having 3 years of experience in the IT industry with 3 Years of relevant experience in DevOps-Engineer which includes project setup, Build Automation, Continuous Integration, SCM process improvements, DevOps & AWS Cloud environment.

* Hands on experience in build and release management, configuration management, DevOps, and Infrastructure management with automation tools.
* Hands on experience on source code management and Administration on using **GIT, STASH** and **BITBUCKET.**
* Having Good experience on Build tools like **MAVEN& Gradle.**
* Managing version control tool, builds and deploys for java- based applications.
* Responsible for code merges on a regular frequency to integrate the source code from various branches to maintain baseline code after every release.
* Good experience on Build Tool **Maven** and CI Tool **JENKINS**.
* Good experience and Administrate the continues integration tool like **Jenkins**.
* Expertise on Installation and Configuration of Continuous Integration Tool **Jenkins**.
* Created automated build and release environment, Creating Various Type of jobs as per requirement like **Freestyle, Maven, Multibranch and Pipeline** Jobs by using **Groovy & Jenkins Global Lib** for Continuous Integration Tool **Jenkins**.
* Implement Master-Slave concept in **Jenkins** and Having good experience to configure **CI/CD** from scratch**.**
* Having good Knowledge on **Jfrog-Artifactory** and **Nexus** creating **Repositories** and uploading files and **administration**.
* Working with Development and Testing team to establish a build schedule, execute the builds, Writing **Scripts** for Automation and troubleshoot build failures, if any.
* Having good working experience on **LINUX** and **Windows** platform.
* Having good knowledge on **Docker Containerization** and **Docker files.**
* Experience in configuring and updating the servers using **configuration management** tool **Ansible** and **Writing Playbooks** and **Roles.**
* Basic Knowledge on Kubernetes and **Orchestration** and **Cluster’s**.
* Customer focused, organized, detail oriented with the ability to meet deadlines.
* Managing **Cloudwatch** for monitor critical system health, performance, security, disk usage....Etc.
* Having Cloud Knowledge on **AWS ( EC2, IAM, Load Balancer, Auto-Scaling, S3, SNS, SQS)**.

**TECHNICAL SKILLS:**

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| --- | --- | --- |
| **Cloud Computing**  **Container & Orchestration Tools :** | **:** | **Amazon Web Services**  **Docker, Kubernetes & Terraform** |
| **Configuration Management Tool** | **:** | **Chef, Ansible** |
| **Continuous Integration Tools** | **:** | **Jenkins** |
| **Build Tools** | **:** | **Maven& Gradle** |
| **Scripting Languages** | **:** | **Linux Shell Scripting** |
| **SCM Tools** | **:** | **SVN, GIT,STASH.** |
| **Application Servers** | **:** | **Tomcat server** |
| **Static Code Analysis Tools** | **:** | **SonarQube** |
| **Ticketing Tracking Tools** | **:** | **JIRA , Confluence** |
| **Operating Systems** | **:** | **LINUX, Windows** |

**Education:**

B.Sc from “YOGIVEMANA UNIVERSITY KADAPA” in 2019.

**PERSONAL EXPERIENCE**

**company :** Tata Consultancy Services

**Project 2**

**Client: Medlife**

**Work Profile:**

worked for Medlife from feb 2021 to July 5/2022.

**Role:** DevOps Engineer

**Environment:** GitHub, Maven, SonarQube, Nexus, Jenkins, Docker, Kubernetes, Ansible and AWS.

**Responsibilities:**

* Working on DevOps infrastructure and SCM , Branching Strategy , administrations and SCM migrations.
* Preparing the Environment provisioning the environments as per the requested Applications.
* Initiating Jenkins builds and Deployments for all the applications as per the release scheduled.
* Working on CI/CD Pipelines creations and infrastructure management and Jenkins Administrations.
* Validating the failed test case and identifying the issues and working with the respective teams to fix those issues.
* Creating sonar projects for code-quality and code-coverages, Quality- gates and sonar administrations.
* Configuring Artifactory tools by using Jenkins and other build tools.
* Troubleshoot problems arising from Build and environment provision issues.
* Preparing release notes for pre-production and production environments.
* Implemented AWS solutions using EC2, S3, EBS, Elastic Load Balancer, Auto Scaling groups coordinating with developers and testers.
* Building Docker images by writing and build Docker-files, Docker Containers Operations, Docker network and Docker compose.
* Working on kubernetes and writing the deployment files, Namespace, services, pod’s and Helm-charts
* Giving demo sessions on new implementations, automations and EMM updates.

**Project : 1**

Worked as devops engineer for GOODWORK LABS from feb 2019 - jan 2021.

**ROLE:** Devops Engineer

**Environment:** Git Hub, maven, jenkins,nexus and windows & linux Administrations.

**Responsibilities:**

* Worked with development, QA and operations teams to ensure that newly developed software code is built and released as smoothly and efficiently aspossible.
* Maintaining the source code and performing deployments towards TEST/UAT environments and troubleshooting on various servers in case offailures.
* Strong command in understanding the Project Object Models of javaprojects.
* Knowledge about Life Cycles of Maven and Experience in executing goals ofMaven.
* Installed Continuous Integration Server Jenkins as a service, configured the projects on Jenkins and automated the build, deployment and test execution on all the targetplatforms.
* Shared the nightly build results with theteams.
* Creating new Build Jobs, Plugins installation and management, setting up master-slave architecture usingJenkins.
* Troubleshootthenightlybuildfailuresandalerttherespectivedevelopmentteamsforquicksolutions.
* Responsible for creating multiple docker services using docker compose and doing stackdeploy.

**DECLARATION:**

I hereby declare that the above given information is true and correct to the best of my knowledge and belief. Reference could be provided on request.

Date: (SHASI.M)