**RAMA KRISHNA**

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**DevOps Engineer**

**Objective**

In pursuit of challenging assignments that would facilitate the maximum utilization and application of my broad skills and expertise in making a positive difference to the **organization.**

**Professional Summary**

* Around **4+** years of Experience as a **DevOps** Engineer and configuration management.
* Expertise in supporting multiple projects during builds and release process.
* Hands on experience with version control tool like **GIT, Bitbucket and Gitlab.**
* Experience on**, GIT**- Created branches, tagging, setting SVN externals and providing access permissions to the developers over branches.
* Good working experience on **Linux and Windows** Operating Systems.
* Scripting in multiple languages on **LINUX** Like **Bash**
* Used Shell scripting in automating many modules.
* Hands on Experience with Build Tool **Maven** to generate project **Artifacts.**
* Hands on experience in automating build process using **JENKINSCI** Tool.
* Good Experience in Continuous integration using the **Pipeline** View.
* Very good knowledge on Deployment process using the **Ansible**
* Good experience in deploying the artifacts in **Tomcat.**
* Worked on ticketing tool like **JIRA**
* Performance testing for complex systems, Build Release and environment planning, designing, implementation for projects across **different technologies.**
* Supporting scheduled builds using scripts and tools.
* **Troubleshoot** the Application related issues in **production & non-production** environments.
* Design, integration, deployment and administration of **J2EE** Application servers – Tomcat Application Server across Windows and **Linux** platforms.
* Familiar with Software Development **Life Cycle (SDLC)** process.
* Good knowledge on **methodologies** like **Agile and** waterfall **model** for project planning and execution.
* Experience in end-to-end building and deploying and configuring process and implementation from local **QA** environment to **UAT** and **Production**.
* Participate in building the DevOps Platform using configuration management tools like **Ansible.**
* Used tools like **Docker, Ansible** for deployment automation**.**
* Good Knowledge using the backup repository **Nexus.**
* **Docker** installation and image setup.
* Creating custom image from a **Docker File.**
* Using Dockers **Building a web Farm for Development.**
* Ability to accept challenge, learn and grown in good profession manner.
* Successful in communicating with people at all levels and with other departments as needed to best Serve the customer.
* Well aware of advantages, architecture and complete work flow of Kubernetes.
* Good knowledge in each and every component of Kubernetes.
* Installed and configured K8S master and K8S nodes and established communication between them.

**IT Knowledge Purview**

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| **Version Control System tools** | GIT, Gitlab |
| **Operating Systems** | Windows, Linux |
| **Configuration Management** | Ansible |
| **Scripting** | Shell Scripting |
| **Build Tools** | Maven |
| **Web Server** | Apache |
| **Application Server** | Apache Tomcat and Wild fly |
| **Continuous Integration Tools** | Jenkins and Gitlab CI |
| **Containerization tool** | Docker and Kubernetes |
| **Configuration Management Tools** | Ansible |
| **Bug Tracking Tool** | JIRA |
| **Artifactory Repos** | Nexus |

**Academic Credential**

* B.E in Mechanical Engineering from Andhra University in Visakhapatnam.

**Professional Experience**

* Working as **DevOps Engineer** at **Marlabs from Jan 2018 to till date.**

**Projects**

**Project#2**

* Client : Invensys
* Role : DevOps Engineer
* Project Duration : January 2021 – Till date.

**Description:**

Invensys operations management (IOM) is a global group and does business to drive market-leading quality and reliability. It offersthe clients process automation and control solutions to meet the needs of virtually any enterprise in the process industries – from stand-alone processes that need basic, reliable functionality, to complex integrated enterprises that control critical or hazardous operations.

**Roles and Responsibilities:**

* Setting up the new build environment for various applications in **Windows**/**Linux** environment.
* Managed to organizational standards by maintaining the source code in **GIT** for various applications. Setting up the new Build Environment for various products in Linux Environment.
* Maintains and extends configuration and build sub-systems on **GIT**.
* Creating and maintaining the development and release branches on **GIT**.
* Using **Maven** as a build tool, I could automate the process of building artifacts.
* Supported and helped to create dynamic views and **snapshot** views for end users.
* Implementing **Jenkins** continuous integration tool including installing setting the jobs/plans and setting up the tool for deployment.
* Involved in installing **Jenkins**on a **Linux** Machine. And creating a **Master** and **Slave** configuration to implement multiple parallel builds through a build.
* Participates in the design and implementation phases for new and existing products, with a focus on **AWS** technical knowledge for successful execution of the requirements.
* Help engineering teams implement **new technologies** in development for future production deployment.
* Managing/Tracking the defects status using **JIRA.**
* Automating the manual process if any, by writing the **Shell scripts.**
* Involved in deployment of the application using **Tomcat.**
* Primary responsibilities include Build and Deployment of the java applications onto different

Environments like **QA, UAT, pre-Prod** and **prod.**

* Production environment support activities which include major release or emergency hot fix deployments, scheduling and coordinating with client regarding Operational Job Cycles or any activities.
* Using **Urban Code Deploy** tool deployed the artifacts in Tomcat.
* Created the Repos in **Nexus Artifactory Repository Manager**.

**Project#1**

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| **Project Name :** Hilton  **Role :** Build and Release Engineer  **Duration :** October 2018 To December 2019. |

**Description:**

Hilton Worldwide Holdings Inc., formerly Hilton Hotels Corporation, is an American [multinational](https://en.wikipedia.org/wiki/Multinational_corporation) [hospitality company](https://en.wikipedia.org/wiki/Hospitality_company) that manages and franchises a broad portfolio of hotels and resorts. Founded by [Conrad Hilton](https://en.wikipedia.org/wiki/Conrad_Hilton) in 1919, the corporation is now led by Christopher J. Nassetta. The vision for this project was to serve as a catalyst in driving the company’s mission. The ultimate goal was to provide a competitive advantage by delivering industry-leading technology innovations across all Hilton operations.

**Roles and Responsibilities:**

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| * Administration of **Github** tool includes creating **branches**, **tagging**, **accesspermissions** and setting up **hookslocks**. * Maintaining Subversion code repository and **backup files**. * Experience in Creating **branches and tags** to separate build system after a milestone releases and Create build storage archives for back tracking builds. * Used **Maven** scripts to build the source code. Supported and helped to create Dynamic Views and Snapshot views for end users. * Automated build scripts using **Maven**and **Shell Scripts**. * Configured **Jenkins** CI tool for project and setup Nightly Builds. * Accomplished in tool automation using **Shell scripting.** * Participated in Bug review meeting and release the builds to **pre-production and production servers.** * Involved in deployment of the application using **Wildfly.** * Performed **Build** and **Deployment** activities without any rework. * **Troubleshoot** deployment problems, **release issues** and **environment issues** in a multi-component environment. |

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| **DECLARATION** |

I hereby declare that the above-mentioned information is correct up to my knowledge and I hear the responsibility for the correctness of the above-mentioned particulars.

Date:

Place: RAMA KRISHNA.

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