**RaviTheja.A**

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**PROFESSIONAL SUMMARY**

* Having 5.4 years of Total Experience, 2.8 years of Experience as Devops Engineer.
* Experience in implementing Continuous Integration using Jenkins.
* Experience in implementing Continuous Deployment using Ansible and Docker.
* Experience in Version Control System such as GIT and SVN.
* Experience in using build management tools as Maven and ANT.
* Experience in using Nexus Repository for deployable artifacts.
* Experience in creating Containers with Docker.
* Experience in Configuration Management tool such as Ansible.
* Expertise in writing playbooks and creating Roles for Scalability and Reusability in Ansible.
* Experience in using Apache web servers for hosting tools.
* Experience in using Application server like Apache Tomcat to deploy the applications.
* Knowledge on container orchestration tools such as Kubernetes and DockerSwarm.
* Knowledge on AWS to manage and configure EC2 services and Automating AWS cloud deployments.
* Knowledge on AWS cloud such as creating EC2, S3, ELB, etc.
* Experience on Automate the Build and deploy Java applications by using Ansible, Jenkins and Shell scripts.
* Experience in supporting applications on different platforms like Windows and Linux environments.
* Proven experience on create Branching and Tagging concepts in Version Control tool like GIT and SVN.
* Have excellent troubleshooting, time management skills, ability to work independently or as part of a team.
* Involved in the functional usage and deployment of applications in Apache Tomcat Server
* Experienced in developing, enhance and maintain the build, deployment, and configurations for continuous integration and automate regression and acceptance testing.
* Perform deployments to multiple environments like Dev, QA and UAT environments.
* Effectively co-ordinate with various functions development, testing, environment management, helpdesk within the organization throughout the SDLC.
* Experienced in develop, enhance and maintain the build, deployment and configurations for continuous integration and automate regression and acceptance testing.

**PROFESSIONAL EXPERIENCE**

**Worked in Zen3 Info solution from Jul 2013 – Mar 2016.**

**Worked in IHEDIS Tech Pvt Ltd from Mar 2016 – Jul 2018.**

**Working in Larsen & Toubro Infotech from Jul 2018 – till date.**

**KNOWLEDGE BASE**

* **Operating Systems : UNIX, Red Hat Linux, Windows**
* **Version Control Tools : Git, Github, SVN**
* **Build Management Tools : Maven, Ant**
* **Configuration Management Tools : Ansible, Chef**
* **Application Servers : Apache Tomcat**
* **Languages : Java**
* **CI Tools : Jenkins**
* **Scripting Languages : Bash Scripting**
* **Containerization Tool : Docker**
* **Container Orchestration Tools : Docker Swarm, Kubernetes**
* **Cloud Technology : AWS**

**EDUCATIONAL PROFILE**

Completed **MCA** from **Osmania University**, in 2012.

**HANDS ON EXPERIENCE**

**Project Synopsis**

**Project#1**

**Client :**  **Citi Bank**

**Project : Treasury & Trade Solutions**

**Duration :** **Aug 2018 – till now**

**Role : DevOps and Build and Release Engineer**

**Environment : Java, Maven, GIT, Jenkins, Docker**

**Project Description:**

Citi works tirelessly to provide consumers, corporations, governments and institutions with a broad range of financial services and products. We strive to create the best outcomes for our clients and customers with financial ingenuity that leads to solutions that are simple, creative and responsible. Citi Treasury and Trade Solutions offers the industry's most comprehensive suite of treasury and trade solutions including cash management, payments, receivables, liquidity management and investment services, working capital solutions, commercial card programs, trade finance and services. With a full range of digital and mobile enabled platforms, tools and analytics, Citi Treasury and Trade Solutions continues to lead the way in delivering innovative and tailored solutions to its clients.

**Roles and Responsibilities:**

* Software Configuration management (Automate CI & CD pipe using Ansible, Maven, Jenkins & GIT).
* Perform Build activities using Maven and Jenkins tool.
* Responsible for creating Builds and Deployments Planes.
* Creating War / Ear files using Maven.
* Set up the JFrog Repository for deploy the artifacts.
* Configured Jenkins Jobs, install plug-in for generating Project artifacts.
* Automate the build Process Using Jenkins jobs.
* Writing inventory files and Ansible configuration files.
* Creating playbooks in Ansible for configuration and Deployment activities.
* Verify Deployments logs to check for successful deployments.
* Convert the playbooks in Roles for reusability and Scalability.
* Writing Dockerfiles, building the images and push the images to hub.
* Pull the images and create the containers in multiple environments like Dev, QA, and UAT.
* Resolving the JIRA tickets for different environments of DevOps for all the projects.

**Project#2**

**Client :**  **Halliburton**

**Duration :** **March 2017 – Jul 2018**

**Role : DevOps and Build and Release Engineer**

**Environment : Java, Maven, GIT, Jenkins**

**Project Description:**

Halliburton Energy Services provides products, services and integrated solutions for oil and gas exploration, development and production. Capabilities range from initial evaluation of producing formations to drilling, completion, production enhancement and well maintenance. Common Ground Infrastructure project is creating a virtual software platform, a central code, artifact repository, and a unified platform for Quality Build and Deployment assurance. The project will also put into place a social enterprise solution to support and encourage collaboration and knowledge sharing among software development teams.

**Roles and Responsibilities:**

* Software Configuration management (Automate CI & CD pipe using Ansible, Maven, Jenkins & GIT).
* Responsible for tagging and maintain code on version control GIT.
* Perform Build activities using Maven and Jenkins tool.
* Responsible for creating Builds and Deployments Planes.
* Creating War / Ear files using Maven.
* Set up the Nexus Repository for deploy the artifacts.
* Configured Jenkins Jobs, install plug-in for generating Project artifacts.
* Automate the build Process Using Jenkins jobs.
* Writing inventory files and Ansible configuration files.
* Creating playbooks in Ansible for configuration and Deployment activities.
* Automating AWS cloud deployments using Shell script and Ansible.
* Configured packages, services using Ansible modules like yum, service, templates, handlers etc.
* Configuring Apache tomcat server using Ansible.
* Perform Deployment of War files in Tomcat application servers using Shell script and Ansible.
* Verify Deployments logs to check for successful deployments.
* Convert the playbooks in Roles for reusability and Scalability.
* Perform deployments to multiple environments like Dev, QA, and UAT environments
* Resolving the JIRA tickets for different environments of DevOps for all the projects.

**Project#3**

**Project Name : Well Care**

**Client : Aleris**

**Technology :** Java, Git, Jenkins, Ubuntu Linux, MAVEN, Ansible, Shell Script.

**Application Server :** Apache Tomcat

**Designation :** DevOps Engineer

**Project Description:**

WellCare is Medicaid Provider for the State of Florida. WellCare began offering Medicare Advantage plans with prescription drug benefits after the signing of the Medicare Prescription Drug benefits after the signing of the Medicare Prescription Drug, Improvement, and Modernization Act. Executed and automated the Software development Lifecycle with advanced tools in DevOps and have setup environment for continuous deployment and delivery.

**Roles & Responsibility:**

* Managing GIT version control tool.
* Installing and updating the Jenkins plug-ins to achieve CI/CD.
* Configured Git with Jenkins and schedule jobs using POLL SCM option.
* Setting up GIT Proxy server across different locations and integrating it with the host/centralized GIT server
* GIT User and Group creation and restricting the access.
* Configuring Apache Tomcat server using Ansible.
* Responsible for creating Builds and Deployments Planes.
* Responsible for installing Jenkins master and slave nodes.
* Continuous Integration of the Codes using Hudson/Jenkins.
* Automate the build Process Using Jenkins jobs.
* Verify Deployments logs to check for successful deployments.
* Convert the playbooks in Roles for reusability and Scalability.
* Perform deployments to multiple environments like Dev, QA, and UAT environments
* Maintaining the access control mechanism.
* Perform Deployment of War files in Tomcat application servers using Shell script and Ansible.
* Setting up GIT Proxy server across different locations and integrating it with the host/centralized GIT server
* Perforce User and Group creation and restricting the access.
* Migrated artifactory to Nexus.