RAVITEJA PODILI
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Profile Summary

- **1.6** years of experience as DevOps Engineer in application configurations, code compilation, packaging, automating, managing and releasing code from one environment to other and deploying to servers.
- Hands-on experience in branching, merging and maintaining the versions using SCM tools like **Git** and GitHub on windows and Linux platforms
- Expertise in build tools like **Maven** for building J2EE/Java application artefacts and deploying it on multiple environments such as DEV, QA, and PROD
- Experienced in **Jenkins** by installing, configuring and maintaining for purpose of continuous integration **(CI)**
- Built end to end automation for all builds and deployments and created Jenkins **CI pipelines**
- Setting up continuous delivery framework using Jenkins, Maven
- Good knowledge on Docker containers to create Docker images for different environments
- Created custom Docker images using **Docker file** for easier replication of DEV, QA Environments
- Possess good knowledge in creating and launching EC2 instances using AMI's of Linux, Ubuntu and Windows
- Good Knowledge on **kubernetes**
- Good knowledge in creating **Terraform** templates to provision cloud services
- Good experience by working with configuration management tool **Ansible**.
- Configured and monitored distributed and multi-platform servers using **Nagios**
- Deployed the applications to **Tomcat** Application Servers
- Strong ability to **troubleshoot** any issues generated while building, deploying and in production support
- Experience in writing **Shell scripts**.
- Good Knowledge on **Linux** User & Packet management commands
- Good communication skills with the ability to interact with User and development teams
- Actively involved in AGILE/SCRUM methodologies while executing the project

Professional Summary

- Working as a DevOps Engineer in **DIAGONAL SOFTWARE Pvt Ltd,** Hyderabad since Oct 2020 to Till date

Education

- Pursued Bachelor of Technology (**B. TECH**) from SSN Engineering College through JNTUK.

Technical Stack

- Version Management Tools   : GIT
- Build Tools   : Maven
- Continuous Integration   : Jenkins
- Containerization Tools   : Docker, Kubernetes
- Configuration Management   : Ansible
- Monitoring Tools   : Nagios
- Scripting Languages   : Bash Shell Scripting
- Operating System   : Windows, Unix/Linux
- Web Server   : Apache Tomcat, Nginx
- Languages   : Python, C/C++, core java.

Projects Undertaken

Project : Assignee Taxation
Tools : GIT, Maven, Jenkins, Docker, Ansible, Nagios, AWS Services

Assignee Taxation –
Assignee Taxation is a table-driven, modular system that minimizes paper processing by providing electronic processing of employee data. You can record and maintain the many intricate details of the expatriate and inpatriate process, personal information about assignees, and information about their home and host locations You can also use Assignee Taxation to interface with other systems such as payroll, HR systems, and remuneration data providers

Responsibilities:

- Worked in building project branches, merging them and releasing them using version control tools like GIT.
- Configured Git with Jenkins and schedule jobs using Poll SCM option
- Analyze and resolve conflicts related to merging of source code for GIT
- Involved in to Build Activities using different build tools like Maven
- Worked on CI/CD tool Jenkins to automate the build process from version control tool into testing and production environment.
- Worked on several Docker components like Docker Engine, Hub, Machine, Compose and Docker Registry.
- Supported product development team in bug fixing and service pack releases
- Implemented Ansible to manage all existing servers and automate the build/configuration of new servers.
- Created Highly Available Environments using Auto-Scaling, Load Balancers, and SQS.
- Supported Production and Pre-production environments in resolving issues on demand
- Deployed the complete Web applications in Tomcat Application Server
- Involved in scrum meetings, product backlog and other scrum activities and artefacts in collaboration with the team.

Project: Walmart

Online Orders & Gifts- Walmart is one of the leaders in retail industry, Online Orders & Gifts project gives the customer to order products from Walmart.com and ship in different ways, Ship to Store, Pick up from store, Ship to home address. Customer has the flexibility to compare products in the cart. Customer can create an account to store shipping information and credit card information. Items in the cart can be accessed by mouse over actions. This project also sends registered customers the reminders, coupons and other offers through email.

Responsibilities:
- Defined branching, labelling, and merge strategies for all applications in Git.
- Worked on CI/CD tool Jenkins to automate the build process from version control tool into testing and production environment.
- Understanding and analyzing the client's requirement and involved in GUI designing of the application.
- Managed automated backups and created own backup snapshots when needed.
- Deployed builds to QA, Staging and Production and work with the teams to identify and troubleshoot any issues.
- Troubleshooting the problems generated while building, deploying and also in production support.
- Analyze and resolve conflicts related to merging of source code for GIT.
- Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
- Used Jenkins for Continuous Integration and deployment into Tomcat Application Server.

PLACE: HYDERABAD   **RAVITEJA PODILI**