**Nandyala Venkata Suresh**

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**SUMMARY:**

* 3.5+ years of experience in **DevOps Engineer**.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, scrum, and Waterfall methodologies.
* Experience in using **Maven** as a build tool for building deployable artifacts (WAR & EAR) from source code.
* Worked with Version Control Systems like **GIT**.
* Proficient in scripting languages like **Yaml, Shell** for build automation.
* Application Deployment and environment configuration using **Ansible** and **Chef**.
* Responsible for creation and management of Ansible Playbooks.
* Experience in setting up the   Maven build scripts for JAVA and J2EE applications
* Extensive experience on **Jenkins**, **Docker** for continuous integration and end to end automation for all build and deployments.
* Managed various environments like **DEV**, **QA**, and **PROD** for various releases and designed instance strategies.
* Experience in configuring and deploying Java and J2EE applications into application servers ( **Apache Tomcat**)
* Worked with Linux, Microsoft XP, Windows 10 Operating Systems.
* Strong knowledge on source controls concepts like Branches, Merges and Tags.
* Extensive experience with CI tools (**Jenkins**).
* Experience on Containerization tool like **Docker.**
* Experience in automating the infrastructure in **AWS** using web services.
* Strong knowledge and experience in AWS services like **EC2, S3, EBS** and **IAM**.
* Used Cloud Watch to monitor server services like logs, CPU, RAM and disk storage.

**Technical Skills:**

**Version Control Tools :** GIT

**Operating systems :** Windows 10/Unix systems, CentOS, Redhat

**Build Tools :** Maven

**CI Tools :** Jenkins

**Bug Tracking Tools :** Jira

**Servers :** Apache Tomcat

**Virtualization :** Docker,kubernetes

**Configuration Tools :** Ansible, Chef

**Scripting Languages** : Shell, Ruby, Yaml, Python

**Cloud Technologies :** AWS

**Repositories :** Nexus,Jfrog

**Methodology :** Agile

**EDUCATION:**

* Bachelor of Electronics and Communication Engineering (ECE) From JNTU Kakinada.

**PROFESSIONAL EXPERIENCE:**

* Working **as Devops Engineering in Wipro Technologies**, Bangalore since March 2016 to till date.

**Project #1:**

**Name: Capital Group Companies, Irvine, CA**

**Role: DevOps Engineer**

Capital Group is an American financial services company, it ranks among the world’s oldest and largest investment management organizations, with $1.39 trillion in assets under management. The Company is based on active portfolio management and in-house research to drive long-term investment results, has been consistent since the company was founded.

**Responsibilities:**

* Responsible for releasing multiple live apps in UAT and Production environments on a weekly basis as per Release schedule.
* Fixed bugs on the build/deploy platforms, and worked closely with developers to understand their build requirements.
* Built Continuous Integration Environment (Jenkins, Hudson)
* Participated in all Product Release and Patches.
* Managed GIT as Source Control Systems.
* Defined the Build and automated Testing Infrastructure. Educated both Development and QA teams with the tools and process.
* Manually deployed WAR, JAR files to various environments as part of release process.
* Involved in merging branches, updating deployed modules during release processes.
* Clear understanding of deployment concepts of Tomcat/Apache apps
* Sometimes helped in smoke testing after performing releases in absence of developers
* Worked on Jira for bug tracking.
* Used Agile and Scrum Methodologies.
* Responsible for manually fixing bugs and scripts on Production servers
* Performed Hotfixes as and when required, and also in odd hours.
* Took active part in making Change Request Document [CRD] for the developers from the Business Requirements Document [BRD] after meetings with stake holders for the clarifications.
* Involved in many client meetings and performed some rapid actions in improving the product.

**Environment**:  Linux, Jenkins, GIT, Shell Scripting, Docker, Jira, Ansible, Puppet.

**Project #2:**

**Name: Cypress Care, Duluth, GAD**

**Role: Build and Release Engineer**

Cypress Care provides health cost management solutions and strategies for the Medicare, workers compensation, and auto insurance markets in the United States. It offers pharmacy benefit programs, such as clinical management and utilization, and claims administration productivity improvement; and ancillary health services, including provision of durable medical equipment, supplies, orthotics and prosthetics, home health care and rehabilitation therapy, transportation, and diagnostic imaging.

**Responsibilities:**

* Performed software configuration/release management activities for three different Java applications.
* Involved in writing Maven scripts for various projects.
* Suggested and implemented the process of nightly builds and auto deployments for fast paced applications.
* Developed and maintained Maven scripts to automate builds and release tasks.
* Designed Build and release methodologies for JAVA applications and deployment.
* Streamlined release processes and software development process by standardizing the change control process, automation and code review.
* Maintained versions. Configurations and build policies for parallel releases and patches.
* Performed daily builds for managing the system test and UAT environments.
* Involved in installing, setting up of the class paths, configuring, maintaining and troubleshooting the system.
* Coordinated with release manager and scheduled successful release for multiple projects.  
  Maintained servers used to build product releases. Installed daily builds on QA machines and ran preliminary performance smoke tests.
* Participated and helped the team in migrating source code repositories from Subversion to Clear Case.
* Supported the task of creating baselines and recommended the rebase of particular stream to different dev and test teams.

**Environment:** Linux, JAVA, Git, Maven, Jenkins, Apache Tomcat.

Name**: Nandyala Venkata Suresh.**

Place**: Bangalore.**