Devi Prasad Satapathy

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**PROFESSIONAL SUMMARY:**

* Having **6+** years of IT experience in Devops, configuration management & Release management**.**
* Resolving the issues before the specified time frame.
* Team Worker with good interpersonal communication and fast learning skills.
* Highly adaptive to any type of work environment and technology.
* Enjoy new challenges and willing to take on extra responsibilities to get work done.



**PROFESSIONAL EXPERIENCE:**

* Previously worked as Devops Engineer for **Hydes Software Solutions Private Limited**.
* Previously worked as Senior Software Engineer for **Tavant Technologies**.



**PROFILE:**

* Administration Experience in **GIT**.
* Responsible for creating branches, merging and resolving merging conflicts.
* Worked on branching and merging,Git revert,Git Stash etc.Creating branches for different teams. Merging branches periodically and according to requests from dev teams.
* Giving knowledge to developers about version control and build/release concepts.
* Helping developer’s issues that are related to version control.
* Worked on **devops activities to automate process and CI/CD** for delivering our builds quickly to prod environment.
* Trouble shooting issues Related to these tools. Supporting Developers in day to day Activities.
* Working on **CI and CD**. Automated **complete CI/CD process using Jenkins from the scratch**
* Installed Jenkins, Created jobs(**Pipeline,Maven,Freestyle**) for builds,deployment and other task to automate.
* Worked on scripting to automate manual and repetative tasks.
* Responsible for releases, doing builds and managing build system.
* Writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Design, implement, and maintain continuous build and deployment mechanisms.
* Managing build infrastructures environment setups(Maven) and monitoring daily operations in Jenkins and enhancing/troubleshoot issues/problems.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specify major component areas where major bugs or build failures occur.
* Worked with the Configuration Management tools like **Chef** & **Ansible**.
* Installed **Chef & Ansible** from scratch,Written various types of **cookbooks** and **playbooks**,**Bootstraping,**worked on chef attribute,chef template,supermarket,Databags,User management in chef,ansible galaxy,deploying applications in ansible node machines etc.
* Worked with Containerization Platform like **Docker.**worked various activities with Containers & images,created images with dockerfile,controlling parameters in a container,volume mapping,docker compose etc.
* Worked on **Docker Swarm** likecreated services,scaling,replica in swarm,worked with **Kubernetes** as orchestration purpose,master-worker node configuration,deploying various micro-services, kubectl,node,pod,kubelet etc.
* Hands-on experience in dev.environment tool like **VAGRANT**.worked with boxes**,**created multiple machines with vagrant & worked with some admin based commands.
* Worked on Cloud Environment **AWS.**Created Instances,worked on various AWS services like EC2,VPC,EFS,EBS,AWS-CLI,S3,Cloudwatch,Auto Scaling,ECS etc.Migrated **chef-Infrastructure** to AWS cloud,Integrating **AWS with Jenkins Server** etc.
* Hands on experience on Monitoring tool like **NAGIOS.**Installation of nagios server,worked on Nagios Dashboard,creation of various alerts in nagios,deactivation of alerts in nagios dashboard etc.
* Worked on **MongoDB** server for document oriented storage,indexing the attributes and Auto sharding.
* Worked on **RabbitMQ** for messaging purposes from producers to consumers etc.
* Worked on **Terraform** for infrastructure automation,used for building,changing,versioning an infrastructure.Also used in AWS for provisioning the instances quickly.
* Taking Care of Patch and Load build Requests from Development Team.
* Generate report and send an email to managers about status of daily builds and weekly builds.



**TECHNICAL SKILLS:**

Operating System : **Linux, UNIX, Windows**

Configuration management Tools : **Chef,Ansible**

CI and Build Deployment Tool : **Jenkins**

Build Environment Tool : **Maven**

Version Control Tool : **GIT**

Scripting Languages :  **Shell Scripting**

Production Environment Tool : **Docker, Kubernetes, Docker Swarm**

Development Environment Tool : **Vagrant**

Web-Servers : **Apache-Tomcat,Nginix**

Monitoring Tool : **Nagios**

Cloud Environment : **AWS**

Repository Tool : **Nexus**

Ticketing Tool : **Jira**

Other Tools **: RabbitMQ,SonarQube,Terraform,Kafka,MongoDB**



**PROJECT DESCRIPTION (HYDES SOFTWARES SOLUTIONS PVT. LTD.)**

**Project 1:**

Client Name: Wells Fargo, Charlotte, NC

Role: Configuration Management Analyst

Duration: November 2014-August 2016

**RESPONSIBILITIES:**

* Performed software configuration/release management activities for different applications using chef and ansible.
* Used Jenkins, for Continuous Integration and deployment into Apache Tomcat Web Server.
* Defined processes to build and deliver software baselines for internal as well as external customers.
* Converted old builds using MAVEN and XML for doing Java build
* Installed SONAR on Jenkins server and configure with the build process for the code analysis process for better code quality and code metrics, and rapid feedback for development teams and manager. Created and maintained built wrapper scripts using Shell.
* Maintained and executed build scripts by coordinating with development and QA teams.
* Responsible in doing build and deploying on different environments simultaneously.
* Deployed the EAR and WAR archives into Apache Servers.
* Configured and Maintained Apache web servers for Release Management Team’s internal use.
* Provided assistance to developers in resolving problems.
* Created and Maintained GIT repositories, branches and tags.
* Acted as an Integrator for performing merge, rebase and baseline operations.
* Enforced development policies using GIT hooks and other metadata.
* Used dockerfile to create various images and deployed in Jenkins server,downloaded various readymade docker images and did some admin tasks.
* Attend forum for management of release weekly meetings.
* Monitor progression of releases and keep them on track for delivery on planned release date.
* Submit request for implementation to various groups who participate in release.
* Communicate status of release to all stakeholders.

**Environment:** **Maven, Jenkins, Git, Tomcat, Putty,Chef, Ansible,Docker Container.**

**Project 2:**

Client Name:AT&T Seattle,WA

Role: Devops Engineer

Duration: September 2016-June 2019

**RESPONSIBILITIES:**

* Managing and monitoring build jobs from Jenkins.
* Setting up Jenkins build configurations for builds
* Involved in setting up the Jenkins builds.Worked on AWS cloud environment, created ec2 instances and installed jenkins on ec2 servers.
* Resolving Compilation with help of dev team, Environment and Linking Errors in the Builds.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Revamping for existing build configuration to easily manageable and user friendly for automation.
* Managing GIT Server administration for this project.
* Perform upgrades, new installations, enhancements and configuration changes
* Experience in configuration management and release engineering in multiple-branches environment.
* Giving knowledge to developers about version control and build/release concepts
* Worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications
* Worked on development environment tool vagrant.crated multiple machines using the tool and used to spin up multiple machines in chef environment.
* Used kubernetes for IT orchestration,container deployment,deploying micro-services,scaling,descaling,auto load balancing etc.
* Responsible for maintaining Multiple DevOps tools & configuring across all projects GIT, Maven, Jenkins,Chef.
* Extensive experience in administrating and configuring Jenkins server.
* Integrated Maven with Jenkins for the builds as the Continuous Integration process.
* Experience in deploying applications on Tomcat servers.
* Managed and document all post deployment issues utilizing the Post Deployments Issue Log
* Environment: **UNIX, shell scripting,Vagrant,Git,Docker,Jenkins,Kubernetes,Chef,AWS**

**PROJECT DESCRIPTION (TAVANT TECHNOLOGIES)**

**Project 1:**

Client Name:Velox,USA

Role: Devops Engineer

Duration: July 2019-Dec 2019

**RESPONSIBILITIES:**

* Worked on various products of Velox such as Consumer,Broker,Loan Officer.
* Worked on various sub-projects under velox such as**Pennymac,Fairway,Ditech,FirstBank**,

**Finconnect,Finxperience** etc.

* Created instances on **AWS cloud** for various env setup such Dev/QA for above projects.
* Created various Jenkins jobs depends on the project.
* Written various **pipeline scripts** to automate the process as well as migrated all freestyle jobs and Maven type jobs to pipeline scripts.
* Worked extensively on **Docker Container** such as Pulling,running,stopping the Container as well as checking the Container on **Portainer** Console etc.
* Worked on GIT such as branch creation,file pushing,pulling from repo,merging branches etc depends on projects.
* Worked on **Nexus** for repo creation(Docker/Maven) to store various docker images as well as pushing,pulling,tagging(Dev/QA Env) also storing source code(jar/war) for further process on Jenkins.
* fixed daily basis issues on Jenkins such as any build failures or Jenkins filesystem issues or any docker issues such as container down,docker command failure etc.
* Fixed varios issues from L1 support team as well as Dev/Ops teams.
* Did various deployments for various projects time to time.
* Environment:**GIT,JENKINS,DOCKER,MAVEN,AWS,NEXUS,JIRA**



**EDUCATIONAL DETAILS:**

* B. Tech (Information Technology) IN 2011 from BPUT Odisha.
* 12th IN 2006 from Marshaghai College, Kendrapara,Odisha
* 10th IN 2004 from Marshaghai Govt. Boys High School, Kendrapara, Odisha



**PERSONAL DETAILS:**

Date of Birth: 12th May 1989

Languages Known: English, Hindi, Oriya

Permanent Address: AT:- PALASHAPUR PO:- BALANA DIST :- KENDRAPARA ODISHA PIN :- 754213

Date:

Place: (Deviprasad Satapathy)