***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**

Young, energetic and result oriented **B.Tech (Information Technology)** professional with **3.1** years direct work experience in **IT** industry with Professional Development, DevOps Engineer, Automation of Build, Deployment, Release Management activities**,** and sound experience in Perl, Shell scripting and Version control tools SVN and GIT, Puppet .

* Comfortable in working mixed technology environment (**Windows** and **Linux**).
* Scripting in multiple languages on **UNIX, LINUX** and Windows –Batch, Shell.
* **Build** and **deployments** under different testing environments starting from development to staging and production.
* Hosting and maintaining **svn, GitHub, Git, Jenkins**. Debugging issues if there is any failure in broken Jenkins build and maintaining **Jenkins build pipeline.**
* Expertise Knowledge in version control system like **SVN and GIT.**
* Experienced on **Branching**, **Merging**, **and Tagging** concepts in Version Control tool like **SVN and GIT**.
* Experience in administering various tools supporting SCM & Release Mgt including Source Control, Continuous Integration, Artifact Management & Change Management.
* Participate in building the **DevOps** Platform using configuration management tool like **Puppet.**
* Good experience on **Puppet.** Installing and configuring puppet master and agents for automation deployment.
* Wrote custom **Modules** and **Manifests**, downloaded pre-written modules from puppet-forge. Up gradation or Migration of **Puppet** Community and Enterprise.
* Experience in various **DevOps** tools such as provisioning scripts, deployment tools, development and staging environments on **AWS** and using **Puppet.**
* Basic Knowledge on configuration management tools like **Chef** and **Docker.**
* Strong experience on build tools and packaging the source code using **Ant** and **Maven**.
* Handling all the releases such as maintenance release, emergency release, patch deployments, and launch of new project.
* Extensively worked on **Hudson, Jenkins** for continuous integration and for End to End automation deployments.
* Worked on **Jenkins** by creating jobs and Build and deployment using the same.
* **Jenkins/Hudson** Continuous Integration Server – Installation, Configuration, Design and Administration, plus experience of extending and integrating these tools with other systems, platforms.
* Scheduled builds overnight to support development needs using **Jenkins, Git, and Maven.**
* Experience in using various network protocols like **HTTP, HTTPS, SSH, FTP and LDAP.**
* Experience in maintaining application servers like **Jboss, Apache Tomcat etc.**
* Deploying the war into **Apache Tomcat** and **Jboss Application** Server.
* Familiar with Software Development Life Cycle (**SDLC**) processes. Used **Agile methods** for project planning and execution.
* Performed continuous **Build and Deployments** to multiple **UAT** and **Production** environments.
* Worked on **Jira** ticketing tool.
* Ability to learn new skills quickly.
* Capable of working independently and as well as a part of a team.
* Helping testing team by making sure that all the back end jobs works effectively at the time of **QA** and **UAT**.
* Define and employ common approach for processes such as build schedules, deployments, release requests, environment outage tracking and resolutions**.**

**Core Competencies**

* Software Configuration Management
* Build and Deployment, Release Engineering Support
* Automation, CI Setup and Configurations
* DevOps Engineer

**Work Profile**

|  |  |
| --- | --- |
| Current Designation | : Software Engineer |
| Area of Work | : DevOps Engineer |
| Domain | : Retail, Insurance & E-Commerce |
| List of Major Technologies | : Windows, Red Hat Linux, Perl and Shell Scripting, Jira, Oracle, MySQL, Apache, Tomcat,  Websphere, Puppet, Chef, Svn, Git, Ant, Maven, Jenkins, Java, J2EE, Docker. |

**IT Forte**

|  |  |
| --- | --- |
| **Operating system** | **UNIX, Linux, Windows** |
| **Scripting Tools** | **Perl, Shell Scripting** |
| **Languages** | **C, C++ and Java** |
| **Database** | **Oracle** |
| **Application Server** | **Tomcat, Web sphere** |
| **Web Server** | **Apache** |
| **Version Control Tool** | **SVN,GIT** |
| **Continuous Integration Tool** | **Jenkins/Hudson** |
| **Build Management Tools** | **Ant, Maven** |
| **Devops Tools** | **Puppet, Docker, Chef (basics)** |
| **Ticketing Tool** | **Jira** |
| **Remote Administration** | **SSH, SCP, FTP, SFTP** |
| **Cloud Environment** | **AWS** |

**Professional Experience**

* Working as **DevOps Engineer** at **B2B Commerce Pvt Ltd**, Hyderabad from **June 2014** to **Till date**.

**Academic Credentials**

* **B.Tech ( Information Technology) from JNTUK University in 2014 Ongole**.

**Projects Handled as Build and Release Engineer**

**Project #2**

**Project Title : Lifeworx (Jan 2016 to till date)**

**Client : (**[http://www.Lifeworx.com/](http://www.minolusa.com/)**)**

**Role : DevOps Engineer**

**Team Size : 3**

**Environment : Puppet, Git, Maven, Jenkins, Docker, Red Hat Linux, Apache Tomcat, Oracle,** **Java, J2EE, EJB**

**Description:**

LifeWorx is the premier child care, elder care, nanny and chef service provider in New York. LifeWorx, a member of the BBB (Better Business Bureau). The main aim of LifeWorx is to enhance the overall quality of your life by creating a less stressful home environment and taking care of day-to-day tasks for you, so that you have more time to spend with the ones you love. Our job is to take up the slack for working couples, busy families, professionals and elders. It provided over 20,000 services to hundreds of satisfied clients throughout Westchester, Fairfield and NYC.

**Roles Responsibilities:**

* 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**.
* Installed and Administered **Jenkins CI** for **ANT** Builds and implemented LDAP authentication for Jenkins and User Management for **Jenkins CI**.
* Created **Puppet** manifests and modules to automate system operations. Created monitors, alarms and notifications for **EC2** hosts using Cloud Watch.
* Used **Puppet** to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points, Packages.
* Experienced configuring and managing **Puppet** master server and also experience in updating and creating modules and pushing them to **Puppet** clients.
* Worked with **Docker** containers which are lightweight and fast for reducing the cycle time of development, testing, and deployment.
* Downloaded/installed **Docker** images from **Docker** hub using **Docker** pull down Professional summary for **Docker** .
* Experience working on **Docker** hub, creating **Docker** images and handling multiple images primarily for middleware installations and domain configuration.
* Developed and supported the Configuration and **Build** Management Processes and procedures.
* Primary responsibilities include identifying Cross Functional Dependencies, Monitoring & tracking the release milestones and Performing Risk Analysis, preparing Mitigation Strategies & Contingency Plans tools.
* Used Maven for building the artifacts and also administered the **Maven** Build scripts.
* Involved in build migration activity from ant to Gradle and **Maven** to Gradle.
* Created **Maven** POMs to automate the build process for the new projects and integrated them with third party tools.
* Knowledge of developing the build management **scripts** and **framework**.
* Compilation and runtime issues in Build failures, identifying build breaks and reporting to development team and Interacting with developers to sort out issues related to Build Automation.
* Involved in scheduling the automated build called Nightly Builds and Managing Daily Builds, Weekly Builds, Nightly Builds.

**Project# *1***

**Project Title : Product Sales Management (June 2014 to Dec 2015)**

**Client : SparsaPharma , INDIA (**<http://sparsha.com/>**)**

**Role : Build Release Engineer**

**Team Size : 2**

**Environment : SVN, ANT, Jenkins, Red Hat Linux, Apache Tomcat**

**Description:**

 Product Management application is primarily used for tracking and maintaining the Pharma Product sales effectively. This application has different modules like Product Manufacturing Inventory, Order and Sales Inventory, Bill Management, Stock Inventory, Alert Management, Customer Management and Reports. The Alert Management is used for sending out alerts to customers, Sales Department and Admin teams. This module will provide different alerts those can be integrated with all other modules. And also Admin user can set up different alerts through Alerts Management page for better tracking of the sales.

**Roles Responsibilities:**

* Administration of Subversion tool includes creating **branches**, **tagging**, **access permissions** and setting up **hooks** & **locks**.
* Maintaining Subversion code repository and backup files.
* Managing and Administrating **Subversion** tools includes creating Branches, Tagging and Access .
* Create and establish build process using **ANT** to perform builds efficiently and deployment of the application using **Tomcat and Jboss Application Servers.**
* Configured **Jenkins** CI tool for project and setup Nightly Builds.
* Automated the code deployment process in each environment (development, QA, Staging, Production). Configured a continuous integration process and interface with the operations team to ensure project artifacts are deployed automatically to various environments using **Jenkins**.
* Managed and improved build systems and integrated test automation framework, providing support for continuous, nightly builds and milestone builds across multiple streams of development using **Jenkins** and assisted developers with the timely resolution of any build failures.
* Installation, Configuration and Administration of **Jenkins** over UNIX and LINUX build machines in distributed mode over Apache Tomcat and configured **jobs** along with various plug-in for Continuous Integration, Release Builds for AGILE and Production Branches.
* Performed **Build** and **Deployment** activities without any rework.
* Accomplished in tool automation using **Shell scripting.**
* Involved in the build out of environments right from the procuring the servers, to till hand over the environment to **QA** folks.
* Preparing the build statistics and produce to the management team.

**(Krishna Reddy)**