**AMULYA**

**(Devops/Build Engineer)**

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**PROFESSIONAL SUMMARY:**

* Overall **8 years** of successful experience in IT as **Linux Admin**, **DevOps/ Build and Release Engineer, Application administrator, Environment Support and Deployment Engineer**
* Manage all aspects of the **end to end release** process by using **GMC Inspire**.
* Creation of Release documentation like **Implementation/Release Plans** (also called **Runbooks**) for all Software/Infrastructure Releases
* Create and enforce Release and Deployment policies and plans.
* Experience in installation, configuration and administration of **Linux** servers.
* Managed Red Hat Linux servers.
* Experience managing software development projects through the entire **SDLC** (Software Development Life Cycle)
* Act as the liaison between development teams and the deployment process
* Maintaining of **QA environment** (**Windows** / **Linux** based)
* Experience with build automation/continuous integration tool **Jenkins/Hudson, TeamCity**
* Excellent working knowledge on **JIRA** **Administration** and good command in working with other issue tracking Tools **Service Now**, **Remedy** and **GCM**
* Experience in **scripting** technologies (shell, Perl, ANT) and XML
* Experience with **automated builds and deployments** to multiple UAT environments as well as Production.
* Hands-on experience on **Docker** for the continuous deployment.
* Excellent experience with **Chef, Jenkins** for the continuous integration and configuration management process**.**
* Experience with **Team Foundation Server** and also **TFS Build server.**
* Hands on experience with **GITHUB,** **SVN subversion, Clear case** and build tools like **Maven, Ant, Eclipse, Cherwell.**
* Good knowledge on VMware server virtualization
* Detailed hands-on knowledge flavors in **UNIX family** of **Operating System (Unix, Solaris, Linux**)
* Ability to lead a team and manage complex technical projects/tasks at a detail level in a fast paced environment
* Ability to handle multiple tasks, respond to shifting priorities, pay careful attention to details, adhere to established guidelines, and meet deadlines

**TECHNICAL SKILLS:**

**Operating System** : **Windows, UNIX, LINUX.**

**CI / CD Tools**  : **Jenkins, Hudson, Bamboo.**

**Scripting Language** : **UNIX Shell scripting, Perl scripting.**

**Build Tools** : **MAVEN, Make, ANT, MS Build, Chef, Puppet**

**Bug Tracking Tools** **: JIRA, Remedy and Bugzilla.**

**Web/ Application Servers** : **Apache Tomcat, JBOSS, WebSphere, Web logic**.

**Programming Languages** :  **Python, Shell scripting.**

**SCM Tools : GITHUB, subversion SVN repository, Clear case**

**RDBMS**  : **Oracle, DB2, MY SQL, SQL Server**.

**EDUCATION:**

Bachelor of Technology in Computer Science and Engineering from Jawaharlal Nehru Technological University, India.

**PROFESSIONAL EXPERIENCE:**

### Devops Admin

### Brinker International Ltd, Dallas, Texas Oct 2012 –Present

**Responsibilities:**

* Ownership of **Release Management** process for various web applications (Java based).
* Deal with release and the deployment of packaged software to QA and distribute/deliver applications packages to deployment teams for Production deployments.
* Experience in using configuration management tools like Puppet/ Chef and experience supporting **Chef** Environment.
* Create **Release documentation** (**Implementation/ Release Plans/ Runbooks**) and coordinate with the management and revision of **Release Notes** describing the changes associated with a given release.
* I was also the driving force for implementing Jira and confluence for ticket and issue tracking, Chef to aid with our deployment process.
* Administer **JIRA** issue tracking system.
* Creation of Release Plan, Definition, collection, analysis & presentation of Release Project Metrics on weekly basis.
* Involve setting the overall Delivery Automation strategy, via investments in automation at several layers of the Technology stack to implement a **Continuous Deployment**/Delivery pipeline.
* Implemented a continuous delivery pipeline with **Docker, Jenkins, and GITHUB.**
* Manages and troubleshoots the running of automated jobs in QA environment using continuous integration tools like **Jenkins/Hudson, TeamCity** to support and streamline the release process.
* Manage QA environment and troubleshoot issues.
* Manages the application code repository (**GITHUB, SVN**) including creating branches, merging branches, and resolving merge conflicts.
* Collaborate with Product Owner, Software Development, QA, and Deployment teams in defining and implementing an application’s release process.
* Organize and coordinate release teams across organizational boundaries.
* Ensure agreed upon quality control procedures are being implemented and strictly follow **SDLC** at all phases of the project.
* Ensure coordination of build and test environments teams and release teams.
* Ensure teams follow the organization’s established policies and procedures.
* Provide management reports on release progress.
* Scheduling and coordinating all releases with various teams (Deployment, Database, Architecture, Testing)
* Deal with release **package design, build and configuration and acceptance** including business sign offs.
* Deal with **service roll out planning** including method of deployment.
* Signs off the release package for implementation.
* Submits applications and required associated documentation to 3rd parties for third party acceptance/approval testing.
* Deal with communication, preparation and training.
* Audits hardware and software before and after the implementation of release package changes.
* Document knowledge articles in Confluence (Internal Wiki)

**Environment**: Subversion (SVN), GMC Inspire,Jenkins, Hudson, Docker, GITHUB, ANT, MAVEN, Web Logic, Team city, Shell Scripts, XML, UNIX, JIRA, Chef, Cherwell, Microsoft Visual Studio-2014,Octopus,.

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### Devops/Build & Release Engineering Aug 2011-Sept 2012

**Exelon, De Pere, Wisconsin**

**Responsibilities:**

* Providing Technical Support for the internal trading applications in **PROD** Environment.
* GMC Inspire is an end-to-end software solution for Customer Communications Management (CCM) designed to help businesses increase customer engagement.
* Install, configure, maintain and administer **UNIX/LINUX**System using Kickstart and interactive installation on many servers.
* Installs and implements patches on **LINUX** servers.
* Work on daily **GCMs** to deploy application files from UAT to PROD environment on a daily basis.
* Participate in daily **SCRUM** meetings and weekly Release status meetings for deployments.
* Contribute to innovation in the **deployment automation** process by developing **NSH** scripts.
* Perform Deployments by creating packages and jobs and promoting them through the deployment lifecycle.
* Develop and carry out well-defined implementation plans for application deployment automation.
* Used configuration management tools Chef for the continuous integration and deploy.
* Identify and troubleshoot incidents during deployments and report to Application Support Teams.
* Extensive experience maintaining and working with **subversion SVN** by creating branches, merges etc.
* Implemented **Hudson** (now called **Jenkins**) for Continuous Integration Builds, automated deployments and Notifications.
* Experience with integration of **Maven** project into **Eclipse** and also **PL/SQL**.
* Experience working on **ANT build scripts** and integration of ANT with **Jenkins.**
* Lead the team and ensure strict process adherence with regard to audit and compliance.
* Define, document and agree service level requirements for applications in scope.
* Responsible for distributing the work load among the team by assigning **RFCs** to team individuals.
* Schedule implementation planning calls and perform four-eye checks during the major Production releases and ensure quality performance of the Deployment Management Team.

**Environment**: Jenkins, GIT, ANT, MAVEN, JIRA, SVN, Java/J2EE, Team city, Hudson, Eclipse, Docker, Jenkins, GITHUB, WebSphere, Chef, PL/SQL.

**Software Configuration Engineer**

**Cooperation Bank, Hyderabad, India (Sep 2009 - Oct 2010)**

**Responsibilities**:

* Worked closely with the Development Team in the design phase and developed use case diagrams using Rational Rose.
* Worked with the Architects on **SDLC** process being the owner of post development environments.
* Carried Deployments and builds on various environments using Build Forge Automation tool.
* Developed and implemented the software release management for the release of web applications.
* Wrote **ANT Scripts** to automate the build process.
* Used **Shell/Perl** scripts to automate the deployment process.
* Designed a customized Status Reporting tool used currently, based on the specific requirements using **WebSphere Application Server** with **DB2** as Database.
* Sole person to be responsible for Release/Change control Process.
* Worked with many teams of strength more than 30 and managed 2 release/build engineers.
* Stand by administrator for Clear Case.
* Used IBM Rational Clear Quest for tracking the changes and approval process.
* Involved in creating new elements in jobs.
* Administered Build Forge for automated build and deploy activities.
* Responsible for User Management, Creating/Managing Libraries, Projects, Environments and Schedules in Build Forge for Build and Deploy Automation.

**Environment:** IBM Rational Clear Case, Java/J2EE, ANT, DB2, UNIX, Build Forge, Web Sphere, Shell Scripting.

**Role: Build/Release Engineer**

**Integrated and Finance Management, Hyderabad (Feb 2008 - Aug 2009)**

**India.**

**Responsibilities:**

* Coordinating Release effort amongst various teams (Development, QA, Testing, and Business Analysis) in geographically separated environment.
* Participating in “Release Readiness Review” status meeting (Go/No-go Process).
* Creation of Release Plan, Definition, collection, analysis & presentation of Release Project Metrics on weekly basis.
* Worked with Subversion, Proposed and implemented branching strategy suitable for agile/scrum development in a Fast Paced Engineering Environment.
* Integrated Subversion for automating builds with Hudson/Jenkins.
* Wrote build.xml for applications that use Ant for builds respectively.
* Modify Pom.xml as per the requirement for applications that use Ant and Maven for builds respectively.
* Experience with writing shell scripts on Linux and Solaris servers for WebSphere Message broker toolkit application deployments.
* Deployed the archives to Tomcat, Apache Application Servers.
* Involved in Migration activities from IBM Clear case to SVN to enhance the build process.
* Works with release coordinate to determine an appropriate build schedule and then initiates the build and packaging process and deployments into development environments.
* Configured slaves in Hudson/Jenkins for appropriate release builds.
* Trained all the developers for self-help to kick of single click builds and single click deploys.

**Environment**: Subversion, Hudson, Apache Tomcat, Java/J2EE, ANT, Shell Scripts, UNIX, LINUX, Windows XP.