Around **7 Years** of experience in IT industry comprising of Development, Systems Administration and Software Configuration Management (SCM).Extensive experience includes SCM, Build/Release Management, Change/Incident Management, VMware and AWS Cloud computing

* Version Control Systems
  + Experience in administering **Subversion, Git and Perforce.**
  + **Proposed and implemented branching strategies.**
* Build Management
  + Experience with build tools **Ant** and **Maven** for writing build.xmls and pom.xmls respectively.
  + Experience in integrating **Unit Tests** and Code Quality Analysis Tools like **MSTest**,**JUnit, Cobertura, Clover, PMD**, **findbugs** and **checkstyle.**
  + Experience in using **Nexus** and **Artifactory** Repository Managers for Maven builds.
  + Administered and Implemented CI tools **Hudson/Jenkins**, **Bamboo** and **Anthill Pro** for automated builds.
* Release Management
  + Experience in Configuring and deploying to Application Servers **Web logic** and **Web sphere,Jboss.**
  + Experience is using **Tomcat** and **Apache** web servers for deployments and for hosting tools
  + Experience with administering and deploying to **IIS** Server on Windows Environments.
  + Experience in deploying MSI, EXE as services and auto editing configs (web.config).
  + Experience with **Oracle** and **MS SQL Server** DB Tasks (DML, DDL Executions, Log Rotations, Table space alterations, user management etc)
* Environment Management
  + Managed environments **DEV, SAT, QA, and PROD** for various releases and designed instance strategies
  + Worked in managing VMs in Amazon using **AWS** and **EC2**
* Process
  + Knowledge of **ITIL** Process and enforcer of best practices
  + Worked in implementing new processes and Continuous improvement

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| --- | --- |
| **Operating Systems** | **UNIX**, Linux, **WINDOWS NT/2000/2003/XP/vista/7**, HP-UX |
| **Version Control Tools** | **CVS**, **SVN**, Git, Rational Clear Case, Harvest, Perforce |
| **Languages** | C, C++, **XML**, **SHELL**, **PERL** |
| **Databases** | **MySQL**, **MS Access, Oracle 9i/10g, SQL Server 2005, 2008**. |
| **Application Servers** | **Web logic, Web sphere ,JBoss, Tomcat, IIS** |
| **Build Tools** | **MAKE,ANT, MAVEN** |
| **Continuous Integration Tools** | **Jenkins/Hudson, Bamboo, AnthillPro** |
| **Configuration Management Tools** | **Puppet, Chef.** |

**------------------------------------------------ Dec 12-Feb 14**

**DevOps/Build and Release Engineer**

**Responsibilities:**

* **Created the automated build and deployment process for** application, re-engineering setup for better user experience, and leading up to building a continuous integration system for all our products.
* Experienced in design and maintenance of the **Subversion and GIT** repositories
* Managed the **software configurations** using **Puppet Dashboard, and Puppet DB for configuration** management to existing infrastructure.
* Responsible for Deployment Automation - **Puppet**, **MCollective, Hiera**, **Custom Puppet modules.**
* Developed Build and Release management - **GIT, Maven, Jenkins administration, Nexus**.
* Created **Puppet manifests** and modules to automate system operations.
* Writing **Maven** and **Ant** build tools for application layer modules.
* Responsible for nightly and weekly builds for different modules in **Jenkins**.
* Operations - Custom **Shell scripts** VM and Environment management.
* Manage configuration of Web App and Deploy to **AWS cloud server** through **Puppet**.
* Used **ANT** and **MAVEN** as a build tools on java projects for the development of build artifacts on the source code.
* Operating Systems fine tuning and performance analysis, uptime and response time and SLA.
* Installed multiple instances of **Oracle WebLogic 10, 11g** and helped with the deployment of JARs and WARs on development environments.
* Involved in the development environment includes **Windows Server** 2012 R2, **Power Shell 4.0,** as well as web interfaces for Atlassian Stash, Crowd and Confluence. Public services included GitHub, CentOS, Ubuntu, and Puppet.
* Configured **Bamboo** Build jobs for pre deployment process (DB execution, Environment configuration changes etc.) on both QA and preproduction Environments.
* Focused on automation and continuous integration. Automated local development environment using Puppet.
* Used Splunk and Sitescope monitoring tools for the automation process.
* Configured Elastic Load Balancers with **EC2** Auto scaling groups.
* Created multi **AZ VPC** instances.
* Implemented AWS solutions using **E2C, S3, RDS, EBS, Elastic Load Balancer, Auto scaling** groups.
* Optimized volumes and EC2 instances.
* Configured **S3 versioning** and lifecycle policies to and backup files and archive files in Glacier.
* Used **IAM** to create new accounts, roles and groups.
* Created monitors, alarms and notifications for EC2 hosts using **CloudWatch.**
* Migrated applications to the AWS cloud.
* Worked on installation of **Docker** using Docker toolbox.
* Worked on creation of custom **Docker container** images, tagging and pushing the images.
* Worked on creating the Docker containers and Docker consoles for managing the application life cycle.
* Worked on setting up the automated build on **Docker Hub**.
* Install and configure the static analysis tool like **Sonar, Selenium** in Dev. region to generate the repots.
* Work with different team members for **automation** of Release components.
* Resolved system issues and inconsistencies in coordination with quality assurance and engineering teams.
* **Troubleshoot** the build issue during the Jenkins build process.

**------------------------------------------------ Dec 12-Feb 14**

**DevOps/Build and Release Engineer**

**Responsibilities:**

* Developed and implemented Software Release Management strategies for various applications according to the **Agile** process.
* Manage **version** **control tools SVN** and **Git** to version code changes to help developers/programmers branch/merge/revert code.
* Wrote build scripts & made recommendations to enhance customization in build scripts written in **Ant & Maven.**
* Used Java programming, related code files, config files & package mechanisms (JAR, WAR & EAR packages) & provided optimal mechanism to build application packages.
* Implementing a **Continuous Delivery** framework using **Jenkins, Puppet, Maven & Nexus** in **Linux environment.**
* Created utilities to monitor continuous integration process (job failure rate, disk usage), coded changes in SVN & job failures in Jenkins.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Setup code improvement utilities like  **Sonar** to help developers do peer code reviews & identified issues in code early in the cycle using code analysis.
* **JIRA** is used as ticket tracking, change management and Agile/SCRUM tool.
* Setup package repository with **Nexus** & implemented Maven workflow to use & publish JAR files & packages to this central repository.
* Wrote scripts **in Python & Shell scripting** to customize build, promotion & release process
* Developed and documented a branching strategy to be used.
* Setup code review tool **gerrit** with **GIT** and integrated with **CI system** to help developers do peer code reviews & identified issues in code early in the cycle using code analysis.
* Installing and configuring **Tomcat** and **JBOSS.**
* Worked on automating tasks using **Puppet.**
* Worked on **MySQL** and **mangodB**

**Nationstar Mortgage,TX Dec 12-Feb 14**

**Build and Release Engineer**

**Responsibilities:**

* Updated and automated Release reports for Change Management.
* Supporting Local System Administrators to troubleshoot **Configuration Management** and Network issues.
* Analyzing and recommending hardware and software needs and installing them.
* Created and maintained continuous build and continuous integration environments in SCRUM and agile projects.
* Automated Linux production servers setup using **Puppet** scripts. Used these scripts to replicate production build environments on a local dev boxes using Vagrant and VirtualBox.
* Documented release, builds and source control processes and plans.
* Worked on building and deploying Java code through Jenkins.
* Used Jenkins/Hudson to automate builds and deployments.
* Worked closely with development team and SQA team for product releases.
* Coordinated the build and deployment bottlenecks with the development team.
* Strengthening security by implementing and maintaining Network Address Translation in company’s network.
* Supported small to medium sized projects using **GIT**.
* Worked on integrating **GIT** into the continuous Integration (CI) environment along with AnthillPro, Jenkins and Subversion.
* Worked with Performance engineers on Configuration of the environment.
* Created and deployed a tool to automate branch and project creation in subversion using Perl and **Puppet** scripts.

**Nationstar Mortgage,TX Dec 12-Feb 14**

**Build and Release Engineer**

**Responsibilities:**

* Provided CM and Build support for more than 4 different applications, built and deployed to lower and higher environments. Defined and Implemented CM and Release Management Processes, Policies and Procedure.
* The release pipeline to achieve zero touch deployments using Jenkins, SVN, Nexus, and Nolio.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using Subversion (SVN) source control.
* Created deployment workflows in Nolio which includes prerelease, release and Post release steps
* Analyze and resolve conflicts related to merging of source code for SVN.
* Implement, maintain and support reliable, timely and reproducible builds for project teams.
* Maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files including POM.xml.
* Worked with development team to migrate Ant scripts to Maven.
* Experienced in authoring pom.xml files, performing releases with the Maven release plugin, and managing artifacts in Sonatype NEXUS repository.
* Researched and implemented code coverage and unit test plug-ins like find bugs, check style and PMD with Maven/Hudson.
* The Dulwich implementation of Git is a pure Python software component for Python
* Utilized Perl and Python for GIT.
* Primarily used Ruby to write GIT applications.
* Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share
* Artifacts cross projects and environments.
* Configured and maintained Hudson to implement the CI process and integrated the tool with Ant and Maven to schedule the builds. Took the sole responsibility to maintain the CI Hudson server.
* Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.
* Deployed code on Web Logic Application Servers for UAT, IST, and Development environments.
* Worked on the Oracle databases in the backend to execute the DMLs and DDLs.
* Own full lifecycle of build system - from analysis, development, implementation and support of builds, unit testing and deployments.
* Interact with developers and Enterprise Configuration Management Team for changes to best practices and tools to eliminate non-efficient practices and bottlenecks.
* Coordinate with Release Management regarding appropriate system releases among other development platforms.

**Xebia Group,India Mar 11- Nov 12**

**SCM Engineer**

**Responsibilities:**

* Responsible for Development, **UIT, SYTEM, UAT, STAGING** Builds and Releases.
* Builds and deploys **J2EE application in Oracle Weblogic server 11g**.
* Assist with maintaining current build systems, developed build scripts, and maintained the source control system.
* Responsible for CI environments (**Jenkins**, Nexus, Sonar)
* Developed build and deployment scripts using **ANT and MAVEN** as build tools in **Jenkins** to move from one environment to other environments.
* Enforced automation in build and deployment procedures, executed code builds and deployment activities.
* Deployed built artifacts to Websphere application server using maven and python scripts.
* Responsible for design and maintenance of the **Subversion** (SVN) Repositories,
* Managed the source codes repository of multiple development applications using **Tortoise SVN**.

**Xebia Group,India Oct 09- Feb 11**

Java Build Engineer

* Worked closely with the Development Team in the design phase and developed use case diagrams using Rational Rose.
* Carried Deployments and builds on various environments using continuous integration tool.
* Source code configuration tools **Subversion** and **GIT** used for different projects.
* Wrote **ANT** and **MAVEN** Scripts to automate the build process. Configured **Buildforge** fordoing the build in all the non-production and production environments.
* Used Shell/Perl scripts to automate the deployment process.
* Performed Load/Functional testing using Mercury Load runner and HP QTP.
* Designed a customized Status Reporting tool used currently, based on the specific requirements using J2EE/Struts and **Websphere Application Server** with DB2 as Database