**Rakesh**

**PROFESSIONAL SUMMARY:**

* Over8+yearsofexperienceasaDevOps/buildandreleaseengineerinapplicationconfiguration,codecompilation, packaging, building, automating, managing and releasing code from one environment to other environment and deploying to servers.
* Experience in working on version control systems like **Subversion** and **GIT** and used Source code management client tools like **SVNx,Stash, SourceTree, Git Bash, GitHub,GitLAb, Git GUI** and other command line applications etc.
* In-depth understanding of the principles and best practices of **Software Configuration Management** (SCM) in **Agile**, **SCRUM**, Waterfall methodologies.
* Automate the Build and deploy of all internal Java environments using various continuous integration tools and scripting languages.
* Release Process Implementation like DevOps and Continuous Delivery methodologies to existing Build & Deployment Strategies.
* Experience leveraging TFS (Team Foundation Server) in an environment using Visual Studio, .NET and Microsoft SQL Server.
* Experience with Build Management tools like Ant and Maven.
* Implemented Continuous Integration and deployment using various CI Tools like Jenkins, Hudson, Bamboo, Chef, Puppet and Sonatype Nexus.
* Configuration Management and source code repository management using tools like GIT, Subversion (SVN), Perforce and PVCS.
* Experience in using Version Control Tools VSS, Sub-Version, Git, perforce.
* Experience on Oracle Application dealing with Patches and dealing with concurrent systems.
* Ability in execution of **XML, Ant Scripts, Power Shell Scripts,Shell Scripts, Perl Scripts** and **python** scripts.
* Good experience in automated deployment tool Nolio.
* Expertise in Creating automation and deployment templates for relational and NoSQL databases (standalone and RDS), including MySQL,Mongo DB.
* Extensive experience of deploying code to various application servers like ApacheTomcatwebserver,OracleWebLogic,andIBMWebSphere.
* Experienced in deploying Database Changes to **Oracle, MS SQL Server** and **MY SQL databases.**
* Knowledge of using various routed protocols like **FTP,TCP,UDP,ICMP, SFTP, SSH, HTTP, HTTPS** and Connect direct.
* Expertise in using build tools like MAVEN and ANT for the building of deployable Artifacts such as War & Ear from Source Code.
* Experience with build tools Ant, Maven and Gradle for writing build.xmls, pom.xmls and build.gradles respectively.
* Written manifests/Recipes and Ruby scripts to customize the Puppet/Chef as per our environment.
* Good experience to setup, configure continuous build processes using Cruise Control/Hudson, Jenkins, Maven, Ant, Nant, MSbuild, Subversion and IBM ClearCase, Perl.
* Experience in integrating Unit Tests and Code Quality Analysis Tools like Cobertura, Sonar, fortify, Clover, PMD, FindBugs and CheckStyle.
* Experience in Deploying JBoss, Apache Tomcat web server, IIS Server, Oracle web logic, IBM WebSphere.
* Good development experience in HTML, JavaScript, XML, VB/VB.NET/ASP/ASP.NET/C# and JAVA/JSP.
* Work under SLA (Service Level Agreement) &Incident Management (Remedy) with increase Productivity, Scalability & Performance of application.
* Efficient in tracing complex Build problems, Release issues and Environment issues in a Multi Component Environment.
* Worked with different Bug tracking tools like JIRA, Rally, Remedy, HP Quality Center, and Fisheye.
* ExperiencewithRationalToolslikeRationalIBMClearCasefor**VersionControl,IBMClearQuestforChange Request and Defect Management.**

**Technical Skills:**

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| --- | --- |
| **Operating systems** | Windows 98/XP/2003/2007,UNIX,Ubuntu |
| **Versioning Tools** | Subversion,IBM Clear case,GIT |
| **Bug Tracking Tools** | JIRA, Remedy,HP Quality Center,IBM Clear Quest,Test Flight and Test Rail |
| **CI Tools** | Bamboo,Cruise Control,Hudson,Jenkins and Team City |
| **Build Tools** | ANT,MAVEN |
| **Web Servers** | Apache,IBM HTTP Server,IBM Web Sphere |
| **Databases** | SQL Server,Mongo DB,Oracle |
| **SDLC** | Agile,Scrum,Waterfall |

**Work Experience:**

**Mercedes Benz- Atlanta,GA Jan 2014 - Till date**

**DevOPs and Release Engineer**

**Responsibilities:**

* As part of DevOps, my role includes release management, Environment Management, deployments, Continuous integration, continuous deployment, Incident management, version management.
* Worked closely with the Development Team in the design phase and developed Use case diagrams using Rational Rose.
* Used chef for server provisioning and infrastructure automation, release automation, deployment automation.
* Written some modules in puppet for provisioning and infrastructure automation.
* Set up CI **(Continuous Integration)** for major releases in Jenkins and TeamCity.
* Created database-driven website pages and graphics using ASP, ASP.Net, HTML, Adobe Photoshop, and SQL.
* Involved in Design, Development and Testing of Web Forms using IIS, ASP.NET, XML, dataset and .NET Framework.
* Fundamental mastery of the AWS cloud computing platform, and its many dimensions of scalability - including but not limited to: VPC (Virtual Private Cloud), EC2, load-balancing with ELB, messaging with SQS (and scalable non-AWS alternatives), auto-scaling architectures.
* Worked with deployment tools like AnthillPro and Nolio for production.
* Implemented & maintained the branching andbuild/releasestrategies utilizing GIT.
* Extensive exposure to Configuration Management policies and practices with regards to SDLC; along with automation of scripting using BASH/Shell, Perl scripting.
* Involved in defining documenting and maintaining code deployment pilot automation project documents
* Created deployment workflows in Nolio which includes pre release, release and Post release steps.
* Implemented a Continuous Delivery pipeline with Docker, and GitHub and AWS.
* Administration and maintenance of Docker runtime environment, Versioning and lifecycle management of Docker images, Experienced in Docker orchestration framework.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using Chef and Ansible.
* Developed PowerShell 2.0 scripting to work with TFS Object Model to utilize for more repeatable, automated processes and tasks.
* Building the code packages in TFS and performing Deployments using Nolio for various Dev Environments.
* Used ASP.NET AJAX Toolkit controls like Script Manager, Update Panel and Modal Popup Extender within some web pages.
* Developed screens using ASP.Net server controls & did form field validations server side validations using ASP.Net validation controls.
* Merging release branches back to trunk after the production release and resolving of conflicts during merging in both CVS and Subversion.
* Tools Development and Automation in an Openstack Infrastructure as a Service.
* Worked in integrating TFS with VisualStudio 2005 & 2008.
* Workedtogetherwithdeveloperstofine-tuneprocessfornewlyintroducedAtlassiantoolsinorganization like **JIRA**, confluence, **Stash-Git repository**, Source tree.
* Expert in performance monitoring tools like Iaas,AWS cloud watch and stack driver
* Involved in defining documenting and maintaining code deployment pilot automation project documents.
* Deliver monitoring solutions to measure uptime for scenarios, proactively capture system failures and address them.
* Established processes and tools to maintain code base integrity, including check-in validation rules and branch/merge processes.

**Environment:**TFS, Maven, Gradle, Jenkins,Nolio,AWS, Nexus, Tomcat, Apache, Puppet, Chef, Find Bugs, Cobertura, Zabbix .

**WellsFargo - Dallas,Tx July 2012- Jan 2014**

**DevOPs and Release engineer**

**Responsibilities:**

* Gathering Information from the Clients and providing consultation by performing POC and setup the Build/Deployment and Release Management.
* Setting up the build and deployment automation for Java base project by using **JENKINS** and **Maven.**
* Responsible for creating and deploying builds on various Web logic environments, testing in build environment and release to test team on scheduled time.
* Presented on View Object pattern in Web Application Automation C#, Ruby, Rake,Power shell, Selenium, Team City.
* Used Subversion as version Control for maintaining the versions.
* Created GIT configuration record for builds using derived objects generated during build audit process.
* Implemented & maintained the branching and build/release strategies utilizing GIT.
* Build release of Cloud based products containing Linux and Windows environments, using Power Shell, TFS and Python Scripting
* Deployed the Java applications into web application servers like JBoss.
* Comfortable and flexible with installing, updating and configuring various flavors of UNIX and Windows.
* Documented all build and release process related items. Level one support for all the build and deploy issues encounter during the build process.
* Performed and deployed Builds for various Environments like QA, Integration, UAT and Productions Environments.
* Converted old builds using MAKE to ANT and XML for doing Java build.
* Created and maintained built wrapper scripts using PERL.Build Java code and .NET code on to different Jenkins servers as per the schedule.
* Develop Rational ClearQuest schemas and tailored the tools with custom Perl and VB Scripts.
* Worked with QA to facilitate verification of releases. Running multiple builds at a time.
* Managing Daily Builds, Weekly Builds, Nightly Builds and Builds on fortnight basis.
* Managed and Administered Web logic 8 and 10.3 Environments.
* SVN administration like give access for branches and **SVN repositories**.
* Created SVN repositories and give access rights to the authorized developers.

**Environment**: GIT, TFS,Maven, Jenkins, Apache Webserver, Apache JMETER, MetaCase, Bamboo, Python, Perl, Shell, PowerShell

**CVS Pharmacy - Woonsocket,RI Feb 2011- June 2012**

**Build and Release Engineer**

**Responsibilities:**

* Extensive participation in successful builds deployment and maintenance forjava applications on oracle WebLogic servers.
* Supporting production and development infrastructure, from developing andImproving release automation tools and maintaining issue tracking software.
* Performed regular builds and deployment of the packages for testing in different Environments (DEV, QA, CERT, UAT and PROD).
* Perform smoke tests to ensure the integrity of code deployment.
* Automated build scripts using Cruise Control with ANT, Maven and Shell Scripts.
* Installation of Application on production and Test server for the use of application development and configuration.
* Work with product development to resolve build-related issues in all projects provided support for Application issues.
* Created the different QA environment Migration Release Notes and migrated it into the QA for testing the online Java code from Subversion.
* Created the new Migration Development Console for the online Migrations.
* Responsible for configuration changes before and after new release.
* Responsible for code deployment through integration tool Hudson.
* Involved in writing test scripts(**power shell ,shell, Ant, Maven**) on test environment.
* Keeping account of server logs and application logs during deployment or other Failures.
* Responsible for maintaining all the property files.
* Analyze and create daily reports on the status of server backups on intranet and extranet.
* Setup and debug hard ware related issues for server builds.
* Deployed the static content into the web servers like Tomcat, IPlanet, and IBM HTTP Server
* Perform weekly build cycle and testing processes on Solaris.
* Coordinated with developers, Business Analyst and Mangers to make sure that code is deployed in the Production environment.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Responsible for designing and deploying best SCM processes and procedures.

**Environment**: Subversion, Team City, Chef, Jenkins, Apache Tomcat, Java/J2EE, ANT, Shell Scripts, MAVEN, UNIX, LINUX.

**Express Scripts-Franklin,NJ Oct 2010-Jan 2011**

**Build and Release**

**Responsibilities:**

* Performed software configuration/release management activities for three different Java applications.
* Designed and implemented Continuous Integration process using tools like Hudson with approval from development and other affected teams. Defined processes to build and deliver software baselines for internal as well as external customers.
* Converted old builds using MAKE to ANT and XML for doing Java build.
* Created and maintained built wrapper scripts using PERL.
* Build Java code and .NET code on to different Jenkins servers as per the schedule.
* Migrating J2EE, PHP, .NET, and Cold Fusion applications to UNIX and Windows environments by configuring application via IDE Eclipse, Subversion, and AnthillPro.
* Configuring AnthillPro as a common build engine to build and promote applications to DEV, QMG, UAT, PROD, and DR to UNIX environments.
* Managed Build results in Jenkins and Deployed using workflows.
* Delivered specific versions of various components of an application into target environments.
* Maintain and track inventory using Jenkins and set alerts when the servers are full and need attention.
* Modeled the structure for Multi-tiered applications orchestrate the processes to Deploy each tier.
* Developed build and Deployment Scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Have used Confluence to create, share and discuss content and projects.
* Managed and optimize the Continuous Delivery tools like Jenkins.
* Document release metrics, software configuration process. Used Maven scripts to build the source code. Supported and helped to create Dynamic Views and Snapshot views for end users.
* Implemented & maintained the branching and build/release strategies utilizing GIT.
* Developed scripts for executing validation/test cases automatically after builds.
* Developed and maintained in-house Code review system before migrating to the lightweight code review system available in Stash.

**Environment**: Subversion, Team City, Jenkins, AWS, Apache Tomcat, Java/J2EE, ANT, Shell Scripts, MAVEN, UNIX, LINUX.

**ITC Infotech-Hyderabad,INDIA May 2008-Oct 2010**

**Software Engineer**

**Responsibilities:**

* Build and Deploy Application to DEV,SIT and UAT
* Release the Applications to Performance and Production
* Setting up new build and production environment on windows.
* Manage Build requests in Jira.
* Preparing Build and **Release notes**.
* Creating branches, checking and integrating files in perforce.
* Troubleshooting on build, Staging and Production environment.
* Creating maintenance package deliverable for client along with required documentation.
* Trouble shooting the errors during environment upgrade.
* Build and Deploy Application to **DEV,SIT** and **UAT**
* Performing daily build for staging environment.
* Automate and monitor builds with Hudson.

**Environment**: WebSphere, Tomcat, Java/J2EE, CI/CD, Maven, ClearCase/CVS,, WebSphere, Shell Scripts, Team City, QTP, Selenium.