**Rakesh |**

**PROFESSIONAL SUMMARY:**

* Over 7+ Years of experience in IT industry as **DevOps/ Agile operations, Linux Administrator, Build/Release Management, Change/Incident Management and Cloud Management.**
* Experience in **Linux Administration** (Installation, Configuration, Tuning and Upgrades of Linux (Red Hat and Oracle).
* Extensive experience in all phases of **Software Development Life Cycle** with emphasis in Designing, Developing, Implementation, Deployment and Support of distributed enterprise scalable, secure and transactional **J2EE** applications.
* **AWS** Cloud platform and its features which includes **EC2, VPC, EBS, AMI, SNS, RDS, EBS, Cloud Watch, Cloud Trail, Cloud Formation AWS Config, Autos calling, Cloud Front, IAM, S3, R53.**
* In-depth understanding of the principles and best practices **of Software Configuration Management (SCM) processes**, which include compiling, packaging, deploying and Application configurations.
* Extensively worked with Version Control Systems  **SVN (Subversion), GIT**.
* Extensively worked with automation tools like **Hudson, Jenkins** to implement the End-to-End Automation.
* Expertise in using builds tools like **MAVEN and ANT** for the building of deployable artifacts such as WAR & EAR from source code. Application Deployments & Environment configuration using **Puppet & Chef**.
* Experience in all facets of full CM process with tools such as **SVN, GIT, PVCS, ClearCase, ClearQuest, Perforce, Cruise Control, Jenkins, Bamboo.**
* Managed Web Development and DevOps teams with technical leadership to modernize enterprise architecture and realize technology vision of legacy applications leveraging **RESTful Web Services, Angular JS, Node.js, Bootstrap**.
* Expertise in Querying **RDBMS** such as **Oracle, MY SQL and SQL Server** by using **PL/SQL** for data integrity.
* Experience with Linux/UNIX environments and **scripting for Build & Release automation.**
* Worked on cloud-based servers like **AWS, AZURE** and **Rackspace.**
* Administered and Implemented CI tools Hudson and **Jenkins** for automated builds.
* Worked on **Docker**and **Vagrant**for managing development environments through creation of Linux virtual containers.
* Configured and Administered **Nexus Repository Manager** and **Jfrog Artifactory.**
* Experience writing **Shell Scripts**  to automate the deployments.
* Experience in deploying **WAR, JAR,** and **EAR files** in **Web Logic, Web sphere, JBoss application** servers **in Linux/Unix / Windows environment.**
* Experience using RPMs to effectively package the applications for product deployments
* Ability to work closely with teams, in order to ensure high quality and timely delivery of builds and releases.
* Strong ability to troubleshoot any issues generated while building, deploying and in production support.
* Team player with excellent interpersonal skills, self-motivated, dedicated and understanding the demands of 24/7 system maintenance and has good customer support experience.
* Good knowledge on **ITIL** Process and have worked on coordinating releases across the projects.

**TECHNICAL SKILLS:**

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| Operating systems: | Linux (Red Hat 4/5/6), UNIX, Ubuntu, CentOS, Windows NT/2000/2003,7, |
| **Cloud Technologies:** | AWS (EC2, S3, EBS, RDS, ELB,  IAM, AMI, Auto Scaling). |
| **Web Technologies:** | Tomcat, APACHE 2.x, 3.x, F5 Load Balancers, Web Logic (8/9/10) & Web Sphere 4.0/5.0, Glassfish, JBoss |
| **Database:** | Oracle 9i/10g, SQL SERVER, MySQL. |
| **Programming Languages & Configuration Management Tools:** | Python, Shell Scripting, Ruby, Java, HTML, Jenkins, Maven, Ant, Git, SVN, Puppet & Chef. |
| **Monitoring, Alerting:** | Nagios, Keynote, SPLUNK, Log Stash. |

**PROFESSIONAL EXPERIENCE:**

**Client: J P Morgan Chase, Columbus, OH Jan 2016 –Current**

**Role: Sr. DevOps Engineer**

**Responsibilities:**

* Built and managed a large deployment of Red Hat Linux instances systems with Chef Automation and provision virtual servers using vagrant and kitchen in Oracle VM virtual box, provisioned servers in Amazon EC2.
* Creating 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.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Responsible for Design of different Release Environments for new projects.
* Implementing new projects builds framework using Jenkins & maven as build framework.
* Implementing a Continuous Delivery framework using Jenkins, Chef, Maven & Nexus in Linux environment
* Managed Chef cook books to automate system operations.
* AWS Cloud management and Chef automation.
* Developed certain features of the application functionality i.e. CRUD (Create, read, update, delete) features using Angular JS.
* Integration of Maven/Nexus, Jenkins, Urban Code Deploy with Patterns/Release, Git, Confluence, JIRA and Cloud Foundry.
* Used Angular JS to create maintainable and testable single page application and Implemented 2-way data binding and used ng-filters across the applications.
* Using Jenkins AWS Code Deploy plugin to deploy to AWS.
* Defining Release Process & Policy for projects early in SDLC.
* Member of CCM representing changes for Release and environment configuration
* Responsible for nightly and weekly builds for different modules.
* Responsible for code build, release and configuration.
* Perform Deployment of Release to various QA & UAT in Linux environments.
* Optimized volumes and EC2 instances.
* Built rich user Interface using AngularJs, Twitter Bootstrap, HTML5 and CSS3.
* Used Angular JS to create maintainable and testable single page application and Implemented 2-way data binding and used ng-filters across the applications.
* Used IAM to create new accounts, roles and groups.
* Configured S3 versioning and lifecycle policies to and backup files and archive files in Glacier
* Configured Elastic Load Balancers (ELB) with EC2 Autos calling groups.
* Created monitors, alarms and notifications for EC2 hosts using Cloud Watch.
* Splunk deployment, configuration and maintenance across a variety of UNIX and Windows platforms.
* Implemented a Continuous Delivery pipeline with Docker, and GitHub and AWS.
* Experimented with Docker, by using Docker-compose.
* Worked on applying patches and recommending necessary security fixes for web Application servers.
* Scripting in multiple languages on UNIX, LINUX and Windows - Batch, Python, Shell script etc.
* Troubleshoot the build issue during the Jenkins build process.
* Resolved system issues and inconsistencies in coordination with quality assurance and engineering teams.

**Environment:** GIT, Java/J2EE, Docker, Nexus, Jenkins, Angular JS ,AWS, Chef, MAVEN, NEXUS, uDeploy, JIRA, LINUX, SPLUNK, XML, Ruby, Web logic, Python, BASH Scripts, Shell scripts.

**Client: Cisco Systems, Lawrenceville, GA Sep 2014 – Dec 2015**

**Role: DevOps Engineer**

**Responsibilities:**

* Worked with the fast pace of Agile Development team building software systems
* Coordinated with Architects, Systems, Network, Software & QA Engineers, to continuously improve the reliability and efficiency of Build and Deployment processes to support every phase of development including production releases
* Responsible in understanding of the interdependencies and structure of systems and implement this knowledge to improve the build and release processes which allow rapidly evolving product offerings
* Improved continuous integration environment, monitored builds, maintained configuration & automated processes
* Managing Amazon Web Services (AWS) infrastructure with automation and configuration management tools such as Ansible, Puppet, or custom-built. Designing cloud-hosted solutions, specific AWS product suite experience.
* Handled the development of reporting metrics and to provide reports to Management on different levels of statistics
* Worked with Source Control Tools such as GIT Stash, Sub version
* Worked on requests for adhoc deployment for a particular environment and use the adhoc deploy plan in bamboo
* Experience in migration of consumer data from one production server to another production server over the network with the help of Bash and Perl scripting.
* Used Angular JS to create maintainable and testable single page application and Implemented 2-way data binding and used ng-filters across the applications.
* Wrote application level code to perform client side validation using Angular JS and JavaScript.
* Installed/Configured/Managed Puppet Master/Agent. Wrote custom Modules and Manifests, downloaded pre-written modules from puppet-forge. Upgradation or Migration of Puppet Community and Enterprise.
* Deploy and monitor scalable infrastructure on Amazon web services (AWS) & configuration management using puppet.
* Worked on ENV property files management involved in ENV property files promotion to the SCRUM environments
* Configured Red Hat Kickstart for installing multiple production servers.
* Installation, Configuration and administration of VMware.
* Installed and configured monitoring tools Nagios for monitoring the network bandwidth and the hard drives status.
* Managed Code Repository by administering database baseline, improved practices of branching and code merge.
* Used ANT & MAVEN build tools in Jenkins to build scripts and move from one environment to other.
* Used Perl & Shell scripts to automate build & release process; managed Maven project dependencies.
* Built Web pages that are more user-interactive using jQuery plugins for Drag and Drop, AutoComplete, AJAX, JSON, Angular JS, and JavaScript, Bootstrap.
* Built & deployed Java/J2EE to Web App Server in Agile continuous integration environment and automated process.
* Integrated JIRA with Stash and created automated release notes using Perl scripts.
* Used JIRA to track bug issues and change management.

**Environment:** Subversion, SCRUM, Java/J2EE, Jenkins, Angular JS ,AWS, Puppet, Ansible, MAVEN, Nagios, VMware, JIRA, Stash, LINUX, Ruby, Web logic, BASH, Perl Scripts, Shell scripts.

**Client: SunTrust Bank, Tampa, FL Nov 2013 - Sep 2014**

**Role: Build and Release Engineer**

**Responsibilities:**

* Responsible for creating & maintaining Java application builds using ANT.
* Primary point of contact for all Build, Infrastructure & SCM related issues.
* Involved for writing Hooks and Triggers using Perl.
* Performed a detailed analysis of the current deployment of CVS in order to migrate to Git and to propose sensible design of new Git repositories. This includes an analysis of the current directory layout and content to propose a new directory structure suitable to Git.
* Performed a detailed analysis of the current build tools (Jenkins) used in conjunction with CVS in order to recreate the build process in the new Git environment.
* Deep analysis of existing tools that are integrated/used with CVS (defect tracking (Bugzilla), Continuous Integration (Jenkins)), reviewing the feature set.
* Detailed analysis of the current code submission process (branching model, access control, etc.) in order to propose an optimal submission process when working in the new Git environment.
* Performed a detailed analysis of the capability of the current Git repositories and artifacts for potential improvement in features, capability, and cost efficiency.
* Built rich user Interface using AngularJs, Twitter Bootstrap, HTML5 and CSS3.
* Responsible for Creating and executing a data migration plan and performing the migration, including creation of a schedule and timeline to complete the migration.
* Perform daily system monitoring, verifying the integrity and availability of all hardware, server resources, Systems and key processes, reviewing system and application logs, and verifying completion of scheduled jobs such as backups.
* Assisting developers in Cherry-picking bringing individual changes to main & integration branches.
* Setting up your CI schemes to automatically detect, test, and merge new branches. Control the order in which builds are executed and trigger releases by clean tests. While parallel tests are running, anyone on the team can see build results from the issue's details.
* Build management through Jenkins and an internally developed tool for packaging, release and digital signature.
* Release promoter for all critical patches, full releases & bug fixes.

**Environment**: Subversion, Jenkins, Ant, AWS, Puppet, Git, Linux, JIRA, Bugzilla, LINUX, BASH Scripts, Shell scripts.

**Client: McKesson, San Francisco, CA Jan 2013 - Nov 2013**

**Role: Build and Release Engineer**

**Responsibilities**:

* Built and deployed enterprise-level applications in JAVA and SAP.
* Managed Deployments from QA to PROD.
* Configured JENKINS and setup SLAVES for various environments.
* Coordinated with different teams about bi-weekly builds and releases and deploy to various environments.
* Used ANT build scripts, GROOVY and Grails for our other projects.
* Used WLST and Python scripts in Web logic that will let us deploy any number of ‘wars’ with less time. Administered Quality Center, SharePoint and Jira resolved and fixed defects from Jira to Quality Center.
* Set-up repo using Collabnet SVN Edge.
* Set-up GIT and GITOLITE Repo and administered users.
* Converted Visual Build projects to JENKINS projects for various platforms like Java, Web Services and FTP.
* Wrote shell-script wrappers scripts that would call ANT, MAVEN from JENKINS.
* Worked as a part of Build and Integration team for Linux/Android projects.
* Worked on GIT, version control system widely used to maintain code repositories.
* Worked on electric commander - an automated tool for build and integration.
* Coordinated pre and post release activities for Android product lines.
* Experience in the Web Applications Development using HTML, CSS, XHTML, JavaScript, JQuery, Angular JS, AJAX, XML and JSON.
* Handled the debugging and resolving of build related issues.

**Environment**: Subversion, Nexus, CVS, Java/J2EE, ANT, MAVEN, JIRA, LINUX, XML, Apache Tomcat, Angular JS ,Shell scripts.

**Company: Serco Global Services Feb 2010 - Dec 2012**

**Client: Google.**

**Role: Build and Release Engineer**

**Responsibilities**:

* Used Perforce Version Control System to manage different builds for the system.
* Worked on Java/J2EE Coding for portal applications.
* Involved in writing Shell scripts for compilation and deployment process.
* Created activities and assigned to Developers to fulfill the client requirements.
* Written ANT Scripts in making all the files local to the server.
* Collected approvals for deploying the code to production.
* Created different files and checked files for production support.
* Worked with Web sphere app server admin console for deploying applications.
* Carried out deployments and builds on various environments using continuous integration tools.
* Used Source Code configuration tools like Subversion and GIT.
* Developed & implemented the software release management for the release of web applications.
* Worked closely with Project Manager's for the release of all the operational projects.
* Communicated with all levels of engineering, management, development & test teams and collaborated with developers and managers to resolve issues that rose during deployments to different environments.

**Environment**: Subversion, GIT, Shell Scripts, MAVEN, Web Sphere, JDK, UNIX, LINUX, Windows XP, Java/ J2EE.