**Rohit**

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**Professional Summary**:

* **10+ years of work experience as a DevOps/ Build and Release Engineer** in automating, building, deploying, and managing Software Configuration Management (SCM), Continuous Integration, Continuous Deployment, and Release of code from one environment to another environment.
* Implemented new **DevOps Architecture and Strategies for Customer facing and Billing Websites on multiple environments (Dev, QA, Preprod, and Production).**
* Extensive experience in using Version control systems including Subversion (SVN), Bitbucket, and GIT. Strong knowledge of the creation of branches, merges, and tags.
* Created SCM processes, policies, procedures, and Release Notes to follow Development and allow QA teams to Release or Deploy the highest quality product for the enterprise.
* Expertise in using build tools like MAVEN and ANT for the building of deployable artifacts such as war & ear from source code.
* Skilled in Software development life cycle (SDLC) and Agile programming methods. Capable of delivering well-documented applications with quality standards and delivery date
* Hands-on experience with CI build tools like Jenkins, Bamboo, Hudson, Maven, SonarQube, and ANT. Work closely with teams to ensure high-quality and timely builds and releases.
* Worked as a Jenkins Admin for plugin management, master/slave administrations, access controls, report generations, parameterized /triggered build setups, etc.
* Production Experience in large environments using Configuration management tools like Ansible and Urban Code Deploy.
* Ability to develop and execution of XML, Shell Scripts, and Python scripts.
* Experienced in deploying web application servers like JBOSS and Apache Tomcat Servers. Knowledge of AWS and Azure.
* Worked on Different ticketing systems like JIRA, and Remedy and integrated them into Confluence. Manage the Nexus repository, Frog Artifactory for managing the libs, .war and. ear for multiple applications.
* Involved in Releases, creating Release notes, runbook, rollout plans, MOP, and coordinating releases in different environments Dev, Staging, UAT, and Prod.
* Expertise in troubleshooting the problems generated while building, and deploying code to Production using Putty, WinSCP, and Splunk.
* Hands-on experience in web development using HTML, JavaScript, and CSS.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging, deployment, release methodology, and application configurations.
* Proficient in communicating effectively with good project management skills.
* Positive attitude, strong work ethic, ability to work in a highly collaborative team, and energy to learn and work as system admin.

**Technical Skills:**

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| **Programming Languages** | C, C#, Java, XML, HTML-5.0, CSS |
| **Version control tools** | SVN(Subversion), Git, GitHub, Bitbucket |
| **Build tools and code Quality tool** | ANT, Maven, SonarQube |
| **Continuous integration and Deployment tools** | Jenkins, Bamboo, Hudson, Ansible, Udeploy. |
| **Repositories** | Sonatype Nexus, Artifactory, Frog |
| **Scripting Languages** | Python, Bash shell script, JavaScript |
| **Web Servers/ Application Server** | Apache, Tomcat, JBoss, AWS |
| **Databases** | Oracle, MySQL |
| **Monitoring tools** | Nagios, Datadog, Active Experts. |
| **Operating Systems** | WINDOWS, Linux, Unix |
| **Other Tools** | JIRA, Confluence, ServiceNow, ALM, Splunk, Slack, Putty, WinSCP. |

**Professional Experience:**

Client: First Republic Bank Feb 2021 to till date

Role: DevOps / Release Lead Engineer

**Responsibilities:**

* Developing automated processes for code builds and deployments using **Jenkins, maven,** and implementing the **CI/CD pipeline.**
* Promotion of the **code and scripts** to higher environments using the **Azure DevOps Release pipeline.**
* Developed various **shell and python scripts** for automation of server activities and day-to-day tasks to ease the developers.
* Created Release pipelines and classic multistage pipelines in **Azure DevOps** using an agent and agentless tasks.
* Worked with development teams to promote the code which is written in Java and C# to release to higher environments.
* Performed all Git activities and helped the development team to follow the correct **SDLC guidelines**.
* Worked on XL Release for the deployment of **Java code** activities and maintained the VM activities. Integrated the **XL release to Jenkins, JIRA**, and Sand service new applications.
* Worked with L1 OPS and networking team to monitor the server health and to debug the application using Splunk,
* Involved in on-call support system and production deployments over the weekends for multiple applications. Participated in conversion weekends and deployments.
* Integrated different scanning tools for code coverage such as **Black Duck scanner and Veracode** for code **vulnerabilities.**
* Worked on automating **the DB (MySQL) scripts using the CI/CD pipeline** and its dependent code and scripts accordingly.
* Ability to write the **PowerShell scripts** and integrate them in the Azure classic, release pipeline for automating tasks.
* Used **AWS services (VPC, EC2, IAM, S3, cloud watch, data bricks, code build, code deploy) for multiple teams and applications.**
* Automated and implemented Cloud Formation for creating/administering the **AWS resources like VPC, Subnets, Gateways, and Auto Scaling.**
* Handled the release management for migrating the banking **VM’s from on-prem to VMC (bulk migrations)**
* Created change tickets, attended the CAB meetings, and coordinated the release from end to end maintaining runbooks, and rollout plans.
* Ability to learn and implement new things. Interested in learning new concepts and ready to adapt to multiple situations.

**Environment:** **GitHub, Jenkins, Artifactory, XL Release, Ansible, AWS, Azure DevOps, JIRA, Confluence, Bash, PowerShell, ServiceNow, Citrix, Linux, Putty, Sql, Oracle.**

Client: Comcast, PA Aug 2018 to Jan 2021

Role: Software Engineer/ DevOps Engineer

**Responsibilities:**

* Administration and Monitoring of Development and Build Systems for both functional and operational issues. Working with the infrastructure team to resolve those issues.
* Reviews Build Logs to do the first level triage for all the Jenkins build issues for all 23 devices.
* Write and modify maven and Yocto build recipes for all the Jenkins builds and for new devices.
* Initiate and complete **Build and Dev tool** software improvements/initiatives as required.
* Troubleshooting support for Jenkins and debugging Jenkins by monitoring the load and logs of the system.
* Implemented the Fossid application on the **AWS server** and integrated it into Jenkins and Git for scanning all the **Gerrit commits.**
* **Automate Jenkins** and upgrade it to a higher stable version with all the plugins both internal and external.
* Figure out what issues can come up and maintain the security of the tools from intruders where responsible for the security of the tools.
* Write **Shell scripting** and **Python scripting** for the internal build systems and for all nightly builds and creation of tags.
* Manage build environment, manage operations, build, and test tools.
* Implement **GIT and Manage the Gerrit repository** and all the code repositories.
* Do customizations and necessary advancement in the tools and technology.
* Provided periodic feedback on status and scheduling issues to the management.
* Used **JIRA for the ticketing system**.

**Environment: GIT, Gerrit, Maven, Groovy, Jenkins, Aws, Docker, Nexus, Artifactory, Ubuntu, Java, RDK portal, Yocto, Shell, Python, JIRA, Confluence.**

**Client: Cablevision Systems Corporation/ Altice USA, NY May 2015 to Aug 2018**

Role: Build and Release/ DevOps Engineer

**Responsibilities:**

* Responsible for the design and maintenance of the Subversion/GIT Repositories, views, and access control strategies for 3 different projects.
* Created a **CI/ CD pipeline** for the build and deployment of the Java application on approximately 250 servers which include **Dev, QA, UAT, and Production environments.**
* Administered Jenkins as a Continuous Integration tool and configured multiple upstream and downstream build jobs based on the requirements.
* Used MAVENscripts to automate the build process and installed NEXUSand used it as a Private Repository Manager within the company.
* Experienced in **Udeploy and Ansible** for Continuous deployment. Created the deployment scripts, configuration, components, and properties to automate the deployment and server bounce process.
* Administered **JIRA, and SBM for our Dev and Client team**.
* Developed various shell and python scripts for automation of server activities and day-to-day tasks like log backup and scheduling.
* Migrated the complete **CI/ CD process from SVN to Bitbucket, Jenkins to Bamboo, and Udeploy** to Ansible.
* Implemented and maintained dual production environments (Prod A and Prod B) which were used as active and inactive prod.
* Planned and implemented the rollout of new SCM tools and methodologies as part of the **DevOps team**.
* Used Nagios for monitoring the servers and the health check of the services.
* Created Release notes and MOP for bi-weekly production Release. Make sure the correct build is pushed to production and monitor the server-level logs through Putty.

**Environment:** **Subversion (SVN), GIT, ANT, Maven, Jenkins, Bamboo, Ansible, Nexus, Urban Deploy, Tomcat, JBoss, Bitbucket, Nagios, Java, JIRA, SBM, ALM, Confluence, Putty.**

Client: Axle Tree, NJ Dec 2014 to May 2015

Role: Build and Release/ DevOps Engineer

**Responsibilities:**

* Started as an Internship for 6 months and they hired me based on my performance after my Masters.
* Developed build and deployment processes and implemented **CI/ CD processes.**
* Implemented GIT branching and merging operations for **Java Source Code using Bitbucket**.
* Created end-to-end build automation and CI setup for button click push deployment.
* Experience in Jenkins in Creating new build jobs, Integration testing jobs, and deploying jobs on the Apache Tomcat application server to automate the process.
* Converted the **ANT Build projects** to Maven Build projects to automate **JAR, WAR, and EAR.**
* Have written the Ansible playbooks which are the entry point for Ansible provisioning, where the automation is defined through tasks using **YAML format.** Run Ansible Scripts to provision Dev servers.
* Used JIRA for the ticketing system.
* Configured the load balancer and VPC with public and private subnets.
* Developed custom scripts to monitor the server memory, and server repositories.
* Managed all the config files and dependencies of all the environments.
* Experience in maintaining all the libs using the **Jfrog repository.**
* Developed, maintained, and distributed release notes for each scheduled release.
* Provided periodic feedback on status and scheduling issues to the management.

**Environment:** **GIT, Bitbucket, ANT, Maven, Jenkins, Ansible, Jfrog, Tomcat, Ubuntu, Java, JIRA, Confluence, HP Quality, Eclipse.**

Client: Syntel (AMEX) India June 2011 to Dec 2013

Role: Software Engineer

**Responsibilities:**

* Worked on critical requirements for the design, development, and integration of complex systems, apps, services, and **APIs** that process millions of transactions per day.
* Have complete knowledge of maven scripts for deploying and wrote the scripts and POM.xml for multiple projects.
* Created SVN branches for all the individual modules. Responsible for all the mergers regarding the Release.
* Involved in daily scrum calls and On-site Off-shore meetings with the product.
* Used SonarQube to monitor the code quality of the project. Integrated it with Maven to have the full details of the coding standards.
* Used Hudson/Jenkins integrated with Maven to perform automated Builds and Deployments.
* Created Cron jobs for multiple applications to be deployed at specific times.
* Deployed using Admin console into Tomcat Application Servers.
* Build artifacts (war and ear) are deployed into a Tomcat app server by integrating with Shell Scripts to automate.
* Experience with **Oracle and MS SQL Server DB Tasks.**
* Maintained configuration files for each application for build purposes and installed them on different environments.
* Directed the Release Management Calls to synchronize with the Developers, Testers, and DBA teams for successful Release.
* Implemented **GUI pages by using JSP, JavaScript, CSS, and HTML.**
* Used WinSCP as a debugging tool for monitoring the logs.

**Environment:** **SVN, ANT, Maven, Jenkins, Hudson, Artifactory, Tomcat, RedHat, Java, Remedy, SonarQube, RAD, HTML, JSP, JavaScript, CSS, Bash shell script.**