**Rishith R**

**PROFESSIONALSUMMARY:**

* Overall 7 years of experience in Configuration Management, Sr. Devops Engineer/Build and Release management involving extensive work towards code compilation, packaging, building, and debugging, automating, managing and deploying code across multiple environments.
* In-depth understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, SCRUM, Waterfall methodologies.
* Experience in working on version control systems like Subversion, and GIT and used Source code management client tools like GitBash, GitHub, Git GUI and other command line applications etc.
* Extensive experience using MAVEN, ANT and Xcode as build tools for the building of deployable artifacts from source code.
* Managed environments DEV, QA, UAT and PROD for various releases and designed instance strategies.
* Good knowledge about CI/CIT/CID integration.
* Experienced in Writing Chef Recipes to automate our build/deployment process and do an overall process improvement to any manual processes.
* Extensively worked on Hudson, Jenkins and Anthill Pro for continuous integration (CI) and for End to End automation for all build and deployments.
* Ability in execution of XML, Ant Scripts, Ruby, Shell Scripts, Perl Scripts, Power Shell scripts and JAVA Scripts.
* Experience in Deploying JBoss, Apache Tomcat web server, IIS Server, Oracle web logic, and IBM WebSphere.
* Experience in working with Tracking Tools like JIRA, Red Mine, and Bugzilla
* Knowledge of using Routed Protocols: FTP, SFTP, SSH, HTTP, HTTPS and Connect direct.
* Having Good Knowledge of Amazon AWS cloud.Experience with configuration management and automation tools (Puppet/Chef/Docker).
* Midlevel expertise in Ruby, PERL CGI, Web development and basic understanding in SQL and Python.
* Experience in working with Tracking Tools HP Service Center, JIRA.
* Worked in deploying applications to Oracle Weblogic, JBOSS, TOMCAT and IIS Servers.
* Efficiently used Project Management Tools like Base Camp, MS Project, MS Share point and Atlassian Tools (JIRA, confluence, Stash, SourceTree, Crucible).
* Efficient in working closely with Development, QA, Product and Business owner teams to ensure high quality and timely delivery of builds and releases across multiple platforms and environments.
* Worked as an independent contributor, self-motivated and energetic professional, strong organizational skills and ability to do multi task, ability to quickly acquire an in-depth knowledge of the company’s product and systems.

**EDUCATION QUALIFICATION:**

Bachelor of Technology in Computer Science and Engineering, JNTU, Hyderabad, India .

**Certifications:**

* **AWS Certified Developer – Associate (Amazon Web Services).**
* **ITIL - Information Technology Infrastructure Library**

**TECHNICAL SKILLS:**

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| **SCM Tool**: | Subversion, GIT, Perforce, Clear case. |
| **Build Tool** | Ant, Maven. |
| **CI tools** | Jenkins/Hudson, Anthill Pro, Bamboo,UDeploy,X Deploy. |
| **Bugtracker& Testing** | JIRA, Bugzilla, Junit, Test Flight, Test Rail. |
| **Web Service Tools** | JBOSS, Apache Tomcat, IntelliJ IDEA, Oracle Web logic, IBM Web sphere, IIS Server. |
| **Languages/Utilities** | Shell Script, ANT Script, Batch Script, Perl Script, Ruby, Power Shell Script, C, C++, Objective-C,Python, Java, J2EE. |
| **Operating Systems** | UNIX, Linux (red hat), Ubuntu, Fedora, Windows 98/NT/XP/Vista/7/8, IOS. |

**PROFESSIONAL EXPERIENCE:**

**Client: Qualcomm, San Diego, CA. July2015 – Jan 2017**

**Role: Sr. DevOps Engineer**

**Responsibilities:**

* Develop installer scripts using Ant, Python, Unix for various products to be hosted on Application Servers
* Troubleshoot Build and Deploy Issues, with little downtime.
* Organize and Co-ordinate Product Releases work closely with product development, QA, Support acrossglobal locations to ensure successful releases.
* Implemented rapid-provisioning and life-cycle management for Ubuntu Linux using, Chef and custom Ruby/Bash scripts.
* Worked on Managing the Private Cloud Environment using Chef.
* Developed automation framework for Application Deployments to the cloud environments.
* Managed and optimize the Continuous Delivery tools like Jenkins.
* Install, Configureand Administer Hudson/Jenkins Continuous Integration Tool.
* Automate Continuous Build and Deploy Scripts for Hudson/Jenkins Continuous Integration tool.
* Provide stable build environments for product development.
* Branching, Tagging, Release Activities on Version Control Tools: SVN, GIT.
* Lead and assisted with the scoping, sequencing, planning, and creating GIT environments.
* Performed the administration Windows 2003/2008 R2.
* Packaging and deploying of .Net applications (C# and ASP.net).
* Setup Linux based application and automated build process using Ant, Maven, Bash Shell script tools.
* Worked on Electric Commander - an automated tool for build and integration
* Setup of Jenkins and porting different kinds of applications into Jenkins w r t SCM, builds and deployments activities/ schedules.
* Provided Build Scripts for Database Projects to Deploy DB and populate Test data in DB for various environments.
* Develop Custom Scripts to monitor repositories, Server storage.
* Member of the Technical Design team, Build and Release Module for Development of new products.
* Automated the local dev environment using Vagrant/chef-solo.
* Automated the cloud deployments using chef, python (boto& fabric) and AWS Cloud Formation Templates.
* Document release metrics, software configuration process.

**Environment:**, Git, , Tomcat, Apache, Oracle 12c, Jenkins, Python, Electric Commander, Ruby Chef, JIRA, Maven, Art factory, Ubuntu, CentOS, Linux, AWS (Cloud Formation Templates, RDS, Cloud Watch), Ruby, Chef-solo/server.

**Client: FedEx, Memphis, TN May 2014 – June 2015**

**Role: DevOps Engineer/Build Release Engineer.**

**Responsibilities:**

• Developed and supported the Software Release Management and procedures.

• Performed all necessary day-to- day Subversion/GIT support for different projects.

• Responsible for design and maintenance of the Subversion/GIT Repositories, views, and the access control strategies.

• Designed and implemented Subversion and GIT metadata including elements, labels, attributes,

Triggers and hyperlinks.

• Implemented &maintained the branching and build/release strategies utilizing Subversion-GIT

• Manage configuration of Web App and Deploy to AWS cloud server through Chef.

• Deployed Puppet, Puppet Dashboard, and Puppet DB for configuration management to existing infrastructure.

• Worked closely with developers to pinpoint and provide early warnings of common build failures.

• Used ANT and MAVEN as a build tools on java projects for the development of build artifacts on the source code.

• Automatedthebuildandreleasemanagementprocessincludingmonitoringchangesbetween releases.

• Deployed the Java applications into web application servers like Web logic.

• Executed user administration and maintenance tasks including creating users and groups, reports and queries.

• Worked as a system administrator for the build and deployments process on the enterprise Server.

• Documented project’s software release management procedures with input decisions.

• Developed, maintained and distributed release notes for each scheduled release.

• Provided periodic feedback of status and scheduling issues to the management.

• Kept track of all their leases and request of the developers through Infrastructure management tool.

• Created views and appropriate meta-data, performed mergesand executed builds on a pool of dedicated build machines.

• Involved in periodic archiving and storage of the source code for disaster recovery.

**Environment**: Subversion, GIT, Anthill pro, Java/J2EE, ANT, MAVEN, JIRA, LINUX, XML, Windows XP, Windows Server 2003, Web logic, MY SQL, Perl Scripts, Shell scripts.

**Client: US Foods, Chicago, IL. April 2013 – May 2014**

**Role: Build & Release Engineer.**

**Responsibilities:**

* Worked portal for triggering builds and releasing them to stakeholders by understanding the pain points of Developers and QA engineers.
* Maintained the FTP server in which the builds were copied.
* Implemented Chef to deploy the builds for Dev, QA and production.
* Maintained and developed infrastructure using Chef, Jenkins, and multiple AWS tools.
* Worked on establishing a streamlined release process for the development team from scratch.
* Created release notes based on the contents of builds and publish build artifacts to the stakeholders.
* Continuous Integration: implemented and promoted use of Bamboo within the developer community. Validated Jenkins along with Bamboo.
* Performed Software Configuration, Build and Release Management activities for J2EE Development Teams in Rational ClearCase using Base ClearCase in LINUX and WINDOWS Environment.
* Responsible to perform Build operations with ANT Scripts, while implementing the required modifications in the ANT Script to perform build operations, in accordance with requirements of the project.
* Developed scripts for executing validation/test cases automatically after builds.
* Managed central repositories: Implemented Atlassian Stash along with GIT to host GIT central repositories for source code across products, facilitate code reviews and login audits for Security Compliance. Developed and maintained in-house Code review system before migrating to the lightweight code review system available in Stash.
* Designed and implemented the backup strategy for all the critical systems such as build machines, bug tracking tools, central repositories etc.

**Environment:** Java, Eclipse, Tomcat, Apache, Oracle 11g, Jenkins, Python, Ruby JIRA, Maven, Artifactory, Git, Ubuntu, Windows, AWS, Ruby, Chef, Windows.

**Client: DTCC, NYC. Jan 2012 to March 2013**

**Role: Build&Release Engineer.**

**Responsibilities:**

* Worked on Java/J2EE Coding for Portal Applications.Worked on Tomcat Web server for hosting web apps.
* Used Perforce version control system to manage different builds for the system.
* Involved in writing Shell scripts for compilation and deployment process. Good command in writing ANT scripts for making all the files local to the server.
* Created deployment tickets using Jira for build deployment in Production.Collected the approvals for deploying the code to production.
* Created diff files and check sum files for production support.
* Involved in working with WebSphere App server admin console for deploying applications.
* Worked closely with developers and managers to resolve the issues that rose during the deployments to different environments.
* Worked on cross-platforms (Windows NT-Unix) with ClearCase and has good understanding of Network File System (NFS) and file sharing across multiple platforms.
* Assisted developers to perform deliver and rebase operations. Helped them to solve merge conflicts.
* Provided support on the SQL database for generating audit reports using Crystal Reports.
* Created build scripts and properties files using ANT for the automation of the process & TFS.
* Created and maintained ClearQuest users and groups, queries, reports and in addition to that was responsible for User and Group administration.
* Communicated with all levels of engineering, management, development and test teams.

**Environment:** Subversion, Perforce, Team City, Apache Tomcat, Java/J2EE, ANT, Shell Scripts, MAVEN, JIRA, UNIX, LINUX, Windows XP.

**Client: Phore Technologies, Hyderabad, India. June 2009 – Nov 2011**

**Role: LINUX ADMIN**

**Responsibilities:**

* Installation of patches and packages using RPM and YUM in Red hat Linux.
* Created and modified application related objects, created Profiles, users, roles and maintained system security.
* Responsible for setting up cron jobs scripts on production servers.
* Installed and configured SAMBA server for Windows and Linux connectivity.
* Monitored System Activities like CPU, Memory, Disk and Swap space usage to avoid any performance issues.
* Responsible for writing/modifying scripts using sh, ksh, and bash for day-to- day administration.
* Modified Kernel parameters to improve the server performance in Linux.
* Creation of Logical volumes (LVM) for Linux operating systems.
* Installed and configured Apache / Tomcat web server.
* Involved in design, configuration, installation, implementation, management, maintain and support for the Corporate Linux servers RHEL 4x, 5.x, SLES 9, CENTOS 5.x.
* Coordinating with 24 x 7 on-call support personnel in debugging.
* Worked with DBA team for database performance issues, network related issues on Linux Servers.
* Maintained proper documentation of all the activities carried out during the project.
* Created and modified users and groups with SUDO permission.
* Installed and configured VNC server/client.
* Coordinating users for any server activities which may involve major changes on software or any hardware related issues.

**Environment**: Red Hat Linux (RHEL 4/5), Logical Volume Manager, Global File System, Red Hat Cluster Servers, Oracle, MySQL, DNS, NIS, NFS, Apache, Tomcat**,** Quality Center.