* Around **3** years of experience in IT Industry with an extensive experience in **Linux Administration, Software configuration Management (SCM), Release Management (RM) DevOps Automation Engineer with Open stack** and **AWS Cloud Implementations.**
* Actively involved in each phase of the **Software Development Life-Cycle (SDLC)** with specific focus on build and release of quality software.
* In depth understanding of the principles and best practices **of Software Configuration Management (SCM)**, lean and most recently in **Continuous Integration (CI) and Continuous Deployment (CD)** in **Agile, Scrum Waterfall** methodologies.
* Production experience in large environments using configuration management tools **Chef and Puppet.**
* Extensive experience in continuous integration tools like **Bamboo**, **Jenkins** involved in **JAVA** and **J2EE** programming.
* Extensively experienced in using Build Automation tools like **ANT** and **MAVEN** scripts for build and deployment.
* Administration of Production, Development and Test environment's carrying **Ubuntu, Fedora servers**. Experience supporting **Chef** Environment with many servers and involved in developing manifests.
* Experienced in **branching, tagging and maintaining** the version across the environments using **SCM** tools like **GitHub, Subversion (SVN)** on **Linux** and **windows** platforms.
* Ability in execution of **XML**, **Shell Scripts (Bash), Perl Scripts, Python scripts** and **JAVA Scripts.**
* Good at using **Artifactory Repository Managers** for **Maven and Ant builds**.
* Experience with setting up **Chef Infrastructure**, **Chef-repo** and **boot strapping Chef Nodes**.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
* Experience in using **Nexus and Artifactory Repository Manager** for **Ant** and **Maven builds.** Experience in using **administering** and **configuring Nexus Repository Manages**.
* Hands on experience in web development using **HTML**, **CSS**, **JavaScript**, **JQuery** and **AngularJS**.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| SCM Tools | GIT, Bit Bucket, Git Hub, Subversion |
| Build Tools | Ant, Maven |
| CI Tools | Jenkins/Hudson, Bamboo, Jenkins Pipeline |
| DevOps tools | Chef, AWS EC2, Splunk, Grafana, Nagios, Slack, Elastic Search, RabbitMQ, Slack, Xymon, Sensu, Kafka, Wordpress, OpenVPN |
| Bug tracker & Testing | JIRA, Bugzilla, Junit |
| SDLC | Agile, Scrum Methodologies, Waterfall |

**Software Development Kits:**

|  |  |
| --- | --- |
| Languages | JAVA, Node JS, Angular JS |
| Scripting Languages | Shell Script, Perl Script, XML, Python, Cloud Formation |
| Platforms | Linux, Unix, Fedora, Ubuntu |
| Database System | Oracle, MySQL |
| Web Technologies | HTML, CSS, JavaScript, JQuery, JSON and Angular JS |

**WORK EXPERIENCE**

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**July 2015 – Present.**

**DevOps /Build and Release Engineer**

**Roles & Responsibilities:**

* Delivered centralized software configuration management for enterprise application projects in a multi-tiered high-availability environment.
* Providing support for the DevOps and Release Management Operations.
* Good understanding on Application Lifecycle Management (ALM), Continuous Integration (CI), Continuous Deployment & Delivery (CD), Continuous testing (CT), Software Configuration Management (SCM)
* **Java** and **Node JS** built applications deployment using Jenkins and Chef Environment.
* Installed binaries, configured and administered **Jenkins Continuous Integration** tool on **Linux** machines along with adding/updating plugins such as **SVN, GIT, Maven, and Chef**.
* Creating **Jenkins Pipeline** scripts for automating build process.
* Created Multi projects **Jenkins Pipeline** projects to setup complete deployment framework.
* Managing the **Nexus Repository** as Art factory for storing the **Maven** Build Artifacts.
* Managing AWS administration for Server Creation and Server management.
* Work closely with developers, QA teams, Product owners and other stakeholders to deploy efficiently on various Demand ware sandbox instances.
* Used **Chef** to configure and manage infrastructure. Wrote cookbooks to automate the configuration setups.
* Responsible for Debugging the **Maven** Build failures and build processes.
* Implemented AWS solutions using EC2, S3, RDS, EBS, Elastic Load Balancer, Auto scaling groups.
* Scripting in multiple languages on UNIX, LINUX and Windows – Batch, Shell script etc.
* Created development and integration Branches after a major release for various development teams.
* Used **Maven Nexus** Repository to upload the build artifacts after a successful build.
* Upgrading the **Nexus artifactory** to new version and upgrading **Maven** build scripts accordingly.
* Experience maintaining large clusters using configuration tools such as: **Puppet/Chef.**
* **Nagios** Monitoring Tool setup on various application servers.
* Integrating **Xymon** monitoring tool in addition to **Nagios** and integrated slack for alerts and messages.
* Integrating **Sensu** alerts for monitoring **ETL** cron jobs and other crons.
* Creation of **Cloud Formation** scripts for managing infrastructure.
* Using Cloud Formation stacks with **Auto Scaling** to scale up/down infrastructure.
* Design Backup/Restore Strategy for **Elastic Search**.
* Maintain **Elastic Search** Cluster using Master Slave Architecture.
* Standalone/Clustered **RabbitMQ** setup for application.
* Managing **MySQL** service and replication.
* Standalone **Kafka** integration with NodeJS application services.
* Creating **Word press** setup and upgrading existing **Word press** installations.
* Created **Burning Glass** cookbook for Chef Deployments and maintaining the upgrades.
* Setup **OpenVPN** servers to create VPN network for server’s security and access management.
* Creating **OpenVPN** profiles for different developers to access the application servers.
* Working on **Upgrading** **Jenkins** and **Chef** to latest version with proper testing and Sign off.
* Creating Multi Zone **MySQL** to create HA and RDS Failover architecture.
* Upgraded **RDS Oracle** instance for version 11 to 12 for Dev and production environment.
* Managing **Git** repositories and Jenkins CI.
* Managing **Nginx** and Apache servers.
* Installing security and software patches to all application servers using **Chef**.
* Managing high availability, low latency applications.
* Focus on security best practices to ensure assist in security and compliance activities.

**Environment**: Java, ANT, Maven, XML, SVN, Puppet, Linux, AWS, OpenStack, Shell/Perl Scripts, Python, SCM, GIT, Jenkins, Tomcat, JIRA, Elastic Search, RabbitMQ, Nagios, MySQL.

**, Hyderabad, India. Dec 2014 - July 2015**

**Build & Release Engineer**

**Roles & 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 activities and assigned to Developers to fulfill the client requirements.
* 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.
* Communicated with all levels of engineering, management, development and test teams.

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