**Lokesh Reddy**

**Professional Summary:**

* 7+ years of extensive experience as a Build and Release Engineer in **Automation, Building, Packaging, Managing** and **Releasing of Code** from one Phase to other Phase and **Deploying to Servers**.
* Experience in working with all phases of Software Development Life Cycle (**SDLC**).
* Experience in working with software methodologies like **Agile, SCRUM, and Waterfall**.
* Experience in tracking bugs using tools like **JIRA**, **Remedy**, **HP Quality Center** and **IBM Clear Quest**.
* Extensive experience in preparation of reports, maintenance of environment details from Development to Test & Production and updating the source code repositories.
* Experience in maintaining the **Branches** of the project in various source code repositories like Team Foundation Server (**TFS**) by **merging** the modules and **labelling** the activities once deployment is done.
* Experience in working on **Version Control Systems** like Microsoft **Team Foundation Server 2010/2013(Upgrade 4),** Subversion (**SVN**), **Clearcase,** **GIT, Perforce** and User Source Code Management Client tools like **Visual SVN**.
* Experience in installing VMWare products like ESX and all.
* Proactively communicated and collaborated with the external and internal Customers to analyze information needs and functional requirements.
* Working knowledge of automated deployment tools such as **Chef/Puppet**.
* Extensive experience in using build tools like **MAVEN**, **ANT** and Xcode for the building of deployable artifacts from source code.
* Experience in working on Rational Team Concert (**RTC**), **Jenkins**, **Cruise Control**, **TeamCity**, **Bamboo** and **Hudson** for continuous integration and for **End to End automation** for all Build and Deployments.
* Ability to work with the Pre/Post deployment hooks to do any custom tasks such as running **Unit Test** or minify **Java scripts and CSS**.
* Working knowledge on Software Configuration Management (**SCM**) Systems, **VMware**, **Build Management Tools** and **Build and Release Engineering Tools** and **Automation of SCM** processes using **Triggers** and **Shell Scripts**.
* Ability in resolving the system issues and inconsistencies in coordination with the Quality Assurance (QA) and Engineering Teams.
* Extensive Knowledge in **Amazon Web Services (AWS**).
* Experience in producing detailed Release Plans, Control Release Scope and Monitoring.
* Experience in deploying the **Build Artifacts** into Environments like QA, UAT and Production according to the Build Life Cycle.
* Ability to integrate the Build System to the **Bug Tracking System**.
* Worked on **Continuous Integration (CI)** and **Continuous Database Integration (CDBI)** environment using tools like **Subversion, Git, Bamboo, & Jenkins**
* Worked as **Build/Release/Deployment/Operations (DevOps) Engineer** with good understanding of the principles of **C/C++** & **Java** Platform.
* Worked as a **Linux/Unix Administrator** and expertise in PC assembling, troubleshooting creating and configuration of servers.
* Extensive experience with Source Code Management tools like **Subversion (SVN), GIT,** right from **planning, installation, configuration, facilitating** a good CM environment with a very well defined **branching, merging & tagging** process, **trained** all users, **maintaining/troubleshooting** the CM tool in UNIX and Windows environment.
* Excellent experience in working with version control tools like **Subversion (SVN), and GIT.**
* Strong knowledge on source code control concepts like creating Branches, Merges and Tags.
* Good experience at **automating the release process** of products using **Shell scripts** with tools like **Jenkin** and **Maven.**
* Ability in Authoring and Maintaining **Shell Scripts** and **Perl Scripts**.
* Created selenium tests for deployment of new platforms
* Extensive experience in **installing, configuring, troubleshooting, maintaining, implementation,** and support on **Red hat Linux, CentOS, SUSE** and **Ubuntu**.
* Experience on working with **VMware Workstation**, **Virtual Box, and Oracle Virtual Machine.**

**Education:**

* **Bachelor of Technology** in ECE from **SRM University - 2008**
* **Masters in Computer Engineering – University of Houston - 2009**

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| **Technical Expertise** | |
| **Build Tools** | Chef, Puppet, Hudson, Jenkins, Cruise Control, ANT and MAVEN |
| **Versioning Tools** | CVS, Subversion, GIT, ClearCase, TFS, Perforce |
| **Web Servers** | Web Logic, Apache Tomcat, JBoss, IIS Server 6.x/7.x |
| **Scripting** | Shell Scripting, SQL, Perl Scripting, CSS |
| **Web Technologies** | HTML, Java Script, XML, JDBC, Java |
| **RDBMS** | Oracle, My SQL, DB2, Informatica Power Center 8.x/9x |
| **Operating System** | Windows 98/XP/NT/2000/2003/2008/Windows 7/ Windows 8, UNIX, LINUX |

**Professional Experience:**

**FedEx, Dallas, TX June 2014 – Till date**

**Dev Ops Engineer**

**Responsibilities:**

* Supporting Local System Administrators to troubleshoot **Configuration management** and Network issues.
* Analyzing and recommending hardware and software needs and installing them.
* Created and maintained continuous build and continuous integration environments in agile projects.
* Hands on experience in **Shell/bash** Scripting for **Nagios**.
* Good trouble shooting knowledge on **C/C++**  Code using **gdb**.
* Automated Linux production servers setup using **Puppet** scripts. Documented release, builds and source control processes and plans.
* Worked on building and deploying Java code through **Jenkins**.
* Used **Jenkin** to automate builds and deployments.
* Managing and Creating run Environments on Linux or windows platform using Tomcat, Intel SOA express, glassfish, and other application servers.
* Worked closely with development team and SQA team for product releases.
* Coordinated the build on **C/C++** and **Java** and deployment bottlenecks with the development team.
* Hands on Experience in tweaking the code or any API related changes in **C++**.
* Strengthening security by implementing and maintaining Network Address Translation in company’s network.
* Point of contact between different teams to complete all the Build and Release activities.
* Supported small to medium sized projects using **GIT**.
* Implementing DevOps, Continuous Build and Continuous Integration/Deployment processes, combining and automating tools like EMMA, Cobertura, FitNesse, Selenium, Cucumber, SonarQube, XUnit and WebDriver with build processes tuned to provide detailed metrics and rapid feedback for both development and operations teams.
* Worked on integrating **GIT** into the continuous Integration (CI) environment along with Jenkins and Subversion.
* Worked with Performance engineers on Configuration of the environment.
* Created and deployed a tool to automate branch and project creation in subversion using Perl and **Chef and Puppet** scripts.
* Updated and automated Release reports for Change Management.

**Environment: C/C++, Linux/Unix (Redhat, Ubuntu), Python, shell, SVN, Maven, GIT, ANT, Jenkins, Chef, Puppet**.

**WALMART,** **Bentonville , AR Feb 2013 – May 2014**

**DevOps Engineer**

**Responsibilities:**

* Working and supporting on continuous integration on **Jenkins, maven, Git for Amazon EC2** deployment instances on **cloud computing** and store the build artifacts in S3 bucket deployment.
* Supporting for **Git** version control system merging, hooks, branching the files and creation of repos.
* Supporting **trouble shooting** for Build and Release deployments in Dev, QA and Pre-Prod environments.
* Good in resolving **C/C++** errors while making a Build.
* Use automated scripts based on **Shell and Python** for Automation.
* Working on **Amazon EC2** cloud computing **Ubuntu Linux**, tomcat application deployment using chef supporting on chef recipes with cloudops / TechOps team of configuration management.
* Supporting Maven multi module builds and store artifacts in remote repository in artifactory.
* Jenkins administration to user access credentials, deployment email notification configuration for new users and using matrix plugins to manage Jenkins.
* Supporting configuration of **Jenkins Build pipeline jobs, plugins** installation with team for configuration of maven multi module jobs, free style jobs.
* **Application deployment** and **data migration** on **AWS.**
* Experience **deploying** and **operating AWS**, specifically **VPC, EC2, S3, EBS, IAM, ELB, Cloud Formation** and **Cloud Watch** using the **AWS console** and **AWS CLI**.
* Experience in developing **Cloud Formation Scripts** for **AWS Orchestration**.
* Troubleshooting and performance tuning issues with applications like **Oracle** **10g**, **MySQL** 5**.x** **and Java** Applications on operating systems which included **RHEL**.
* Involved and working in Agile Methodology (Rally), Change management, Release management, SCM, and used tools service now.

**Environment: Ubuntu, WebLogic, SVN, Maven, ANT, IIS, LINUX, XML, Power Shell, Shell Scripts, Python, Jenkins, Apache Tomcat, AWS, GIT, Puppet.**

**TDS Inc., - Madison WI Feb 2012 to Jan 2013**

**DevOps (PKI) Engineer/ Cloud Automation Engineer**

**Responsibilities:**

* Extensively worked on Installation and configuration of **Redhat Linux 5 / 6, Ubuntu 12.04/14.04** and **Windows 03/08 Servers** on large distributed environment.
* Worked on BlockInfrastructure to perform **Virtualization** using **on** **RHEL/SUSE servers.**
* Worked on Installation of **VMware** and creating **Virtual Machines** from scratch and from templates and Assisted in troubleshooting applications for Load balancing.
* Worked with **SSL, RSA, PKI (Public Key Infrastructure).**
* Deployedand **Configured Automation** toolslike **Puppet,** and **Chef**.
* Worked on **configuring** **Puppet** **master** **servers** and **installing Puppet client** software on Linux servers.
* Deployed **Puppet**, **Puppet Dashboard**, and **Puppet DB** for configuration management to existing infrastructure.
* Worked on **Installation** and **Configuration** of **Chef** **Server** and **Chef**-**client** (Nodes)
* Deployed and maintained infrastructure using **Chef cookbooks** and **recipes**
* Configured **yum** repository server using **Chef on RHEL 5/6.x** in VMware environment.
* Worked on **Shell** scripting.
* Installed **Nagios** on the Global Servers and developed **Bash Scripts** for Monitoring Point of view.
* Working with **AWS Cloud computing** and involved in **creating AWS instances** and **deployed Linux** and **Ubuntu** on **AWS environment** and Expertise in **migrating applications onto AWS**.
* Worked on **Keystone identity service, Swift object storage service, glance image service, Cinder block storage service** and **Networking service.**
* Configured Various Network services such **as NFS, DNS and NIS.**

**Environment: Redhat, Ubuntu, OpenStack, AWS, Nagios, Virtual Machines, Python, Shell Scripting SVN, Maven, ANT, Jenkins, Chef, Puppet.**

**Fuel Quest Inc. Houston TX Feb 2011 to Jan 2012**

**Sr. Build & Release Engineer**

**Responsibilities:**

* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Participated in weekly release meetings with Technology stakeholders to identify and mitigate potential risks associated with the releases.
* Imported and managed multiple corporate applications into **Subversion (SVN).**
* Involved in all projects that move to production and work closely with the Data Center, Development, Quality Assurance and Management teams to ensure cross communication and confirmed approval of all production changes.
* Provided end-user training for all **Subversion (SVN)** users to effectively use the tool.
* Built and Deployed Java/J2EE to a web application server in an Agile continuous integration environment and also automated the whole process.
* Created and maintained the Shell/python deployment scripts for **TC Server/Tomcat** web application servers.
* **Shell scripts** for automation of the build and release process.
* Involved in editing the existing **MAVEN** files in case of errors or changes in the project requirements.
* Design applications on **AWS** taking advantage of disaster recovery design guidelines
* **Application deployment** and **data migration** on **AWS**
* Experience **deploying** and **operating AWS**, specifically **VPC, EC2, S3, EBS, IAM, ELB, Cloud Formation** and **Cloud Watch** using the **AWS console** and **AWS CLI**.
* Experience in developing **Cloud Formation Scripts** for **AWS Orchestration**.
* Perform periodic system audits on all environments to ensure that only controlled versions of software reside all environments.
* Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.
* Managed Maven project dependencies by creating parent-child relationships between projects.
* Installed/Configured/Managed **Jenkins CI Automation.**
* Responsible for the Plugin Management, User Management, Build/Deploy Pipeline Setup and End-End Job Setup of all the projects.
* **Jenkins** is used as a continuous integration tool for automation of daily process.
* Installed/Configured and Managed **Nexus** Repository Manager and all the Repositories.
* Created the Release process of the artifacts.
* Coordinated with development and third party teams to perform **PCI** penetration testing and Vera code scanning every year on the source code.
* Used **puppet** to make sure all the Jenkins slaves are in sync
* Did upgrades to applications using puppet manifests

**Environment: Subversion (SVN),Jenkins, Java/J2EE,ANT, MAVEN, TC Server, Tomcat, Python Scripts, Shell Scripts, , Run-deck, XML, UNIX, Linux, Putty, Windows 7, Oracle.**

**Frost Bank, Austin, TX July 2009 to Dec 2010**

**Build and Release Engineer**

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**Responsibilities:**

* Main responsibilities include Build and Deployment of the java applications onto different environments like **Dev**, **QA**, **UAT** and **Prod**.
* Integrated **Maven** with **Shell** scripts created in Bash to automate the deployments for the Java based applications. Managed the deployment activities for multiple server instances by enabling password less ssh communication between the servers and utilizing the resync utility in the shell scripts.
* Hands-on experience on **CI** tools like **JENKINS.**

• Managed branching and Merging in a multi-project environment.

• Managed the entire Release Communication and Co-ordination process.

* Imported and managed multiple applications in **Subversion** (SVN).
* Provided end-user training for all Subversion (SVN) users to effectively use the tool.
* Involved in backing up repository, creating folder and granting user access privileges.
* Assist our Client in the centralized Build Farm which has responsibility of creating and maintaining build scripts required by the applications.

• Automated the Build and Deployment process using WebLogic server

* Integrated **SVN** and **Maven** with **Jenkins** to implement the continuous integration process.
* Performed weekly and on-call deployments of application codes to production environments
* Created Maven, Perl & UNIX scripts for build and Release activities in QA, Staging and Production environments.
* Experience in partially administering ALM (PIVOTAL TRACKOR)for issue management.
* Working experience on **AGILE** Methodologies.

**Environment**: **SVN, PIVOL TRACKOR, Maven, ANT, Jenkins, Hudson, Agile SDLC.**