**Venkata ramana**

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**SUMMARY:**

* 7+ years of experience in software Configuration Build and Release Management.
* Good understanding of the principles and best practices of Software Configuration Management (SCM) in Agile, scrum, and Waterfall methodologies.
* Experience in using ANT and Maven as a build tool for building deployable artifacts (WAR & EAR) from source code.
* Worked with Version Control Systems like GIT, CVS, SVN, VSS & Rational Clear Case.
* Proficient in scripting languages like Ruby, Perl, Shell, for build automation.
* Application Deployment and environment configuration using Chef and Puppet.
* Responsible for creation and management of Chef Cookbooks.
* Experience in setting up the Ant and Maven build scripts for JAVA and J2EE applications
* Extensive experience on Jenkins, Docker, Build Forge for continuous integration and end to end automation for all build and deployments.
* Hands on experience in using Apache frameworks like JUnit Testing, SOAP testing, Camel, Maven, ANT, Log4J and integrating tools like Jenkins, Bug Tracking.
* Good experience with monitoring tools like Nagios and Splunk.
* Managed various environments like DEV, QA, and PROD for various releases and designed instance strategies.
* Experience in configuring and deploying Java and J2EE applications into application servers (WebSphere, Jboss and Apache Tomcat)
* Implemented connectivity to Oracle 11g/10g/9i, DB2, SQL Server, MySql database using JDBC API from Servlets and JSP through Java Beans & Enterprise Java Beans (EJB).
* Experience with n-tier architecture design.
* Worked on Tomcat Production issues like JVM tuning, Memory management.
* Worked with Linux, Solaris, Unix, Microsoft XP, Windows 7 operating systems.
* Used HA proxy and F5 for load balancing the servers.
* Strong knowledge on source controls concepts like Branches, Merges and Tags.
* Extensive experience with CI tools (Jenkins, Hudson).
* Experience in automating the infrastructure in AWS using web services.
* Strong knowledge and experience in AWS services like EC2, S3, EBS and IAM.
* Deploying Chef to completely provision and manage EC2 instances, volumes, DNS & S3.
* Used CloudFormation to create infrastructure Stack using Templates and achieved automation using Chef (ruby scripts).
* Used CloudWatch to monitor server services like logs, CPU, RAM and disk storage.
* Achieved Autoscaling by configuring launch configuration for Autoscaling groups by

**Technical Skills:**

**Languages** C, C++, C#, Java, J2EE

**Scripting Languages** JavaScript, JSP servlets, XML, HTML, Shell, Python, Ruby

**Java Technologies** J2SE1.3, J2EE 1.3, Servlets 2.3, JSP 1.2, EJB 2.0, JDBC, JMS

**SCM Tools**SVN, GIT, ClearCase, Mercurial, Perforce, MKS

**Build Tools** ANT, Maven,Puppet

**CI Tools**  Jenkins/Hudson, Bamboo, AnthilPro, CruiseControl

**Bug Tracking Tools** Jira, Gemini, Rally, Remedy, Bugzilla, ClearQuest

**Operating Systems** MS Windows XP/2000/NT/98, UNIX, Linux, MS DOS, Android, Mac OS

**Database** Oracle 10g and 8i/9i, MS SQL, DB2 7.2/8/1/8.2

**Servers** IIS, Apache, Tomcat, IBM JBoss, WebLogic, WebSphere

**Tools**  MS Office Suite, Confluence

**EDUCATION:**

Bachelors of Electronic and Communication Science JNTU, INDIA.

**PROFESSIONAL EXPERIENCE:**

**Capital Group Companies, Irvine, CA  July2015-Till now**

**Sr DevOps Engineer**

Capital Group is an American financial services company, it ranks among the world’s oldest and largest investment management organizations, with $1.39 trillion in assets under management. The Company is based on active portfolio management and in-house research to drive long-term investment results, has been consistent since the company was founded.

**Responsibilities:**

* Responsible for releasing multiple live apps in UAT and Production environments on a weekly basis as per Release schedule.
* Fixed bugs on the build/deploy platforms, and worked closely with developers to understand their build requirements.
* Built Continuous Integration Environment (Junkins, Hudson, Bamboo)
* Participated in all Product Release and Patches.
* Managed GIT as Source Control Systems.
* Analyzed and converted Ant scripts to Maven scripts.
* Managed Atlassian Tools Confluence and Jira.
* Defined the Build and automated Testing Infrastructure. Educated both Development and QA teams with the tools and process.
* Manually deployed WAR, JAR files to various environments as part of release process.
* Involved in merging branches, updating deployed modules etc during release processes.
* Clear understanding of deployment concepts of Tomcat/Apache apps
* Sometimes helped in smoke testing after performing releases in absence of developers
* Worked on Jira for bug tracking.
* Used Agile and Scrum Methodologies.
* Responsible for manually fixing bugs and scripts on Production servers
* Performed Hotfixes as and when required, and also in odd hours.
* Experience with architecting application on AWS using different resources like EC2, ECS, ElasticBeasntalk, SQS, ElasticCache, DynamoDB, SNS CloudWatch, ElasticSearch.
* Used tools like Chef and Puppet for automation
* Took active part in making Change Request Document [CRD] for the developers from the Business Requirements Document [BRD] after meetings with stake holders for the clarifications.
* Involved in many client meetings and performed some rapid actions in improving the product.

**Environment**: Java,Linux,Maven,Hudson,Jenkins,Perforce,GIT,Power,ShellScripting,Weblogic, Docer, TFS,Jira,AWS,Chef,Puppet,Perl,Ruby,Openstack.

**Adaptik Corporation, Bethlehem, PA Nov2013-June2015**

**DevOps Engineer**

Adaptik Corporation was founded in 2000 by seasoned insurance professionals who understand that the best policy administration solutions require an innovative approach to software architecture as well as functionality. They recognized the need for a more nimble technology to meet policy administration challenges in a practical, rapid, cost-effective way.

**Responsibilities:**

* Developed build and deployment processes for Pre-production environments.
* Used Subversion as source code repositories.
* Developed Shell/Python Scripts for automation purpose.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Automated Weekly releases with ANT/Maven scripting for Compiling Java Code, Debugging and Placing Builds into Maven Repository.
* Responsible for designing and deploying best SCM processes and procedures.
* Used Puppet to automate Configuration management and to manage Web Applications, Config Files, Data Base, Commands, Users Mount Points and Packages.
* Maintained and coordinated environment configuration, controls, code integrity, and code conflict resolution.
* Have deployed various applications through Docker containers.
* Used AGILE MVN method to develop a build and also ANT as a build tool.
* Involved in writing parent POM files to establish the code quality tools integration.
* Installing, configuring and administering Jenkins CI tool on Linux machines.
* Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming   
  conventions using GIT source control.
* Implemented the setup for Master slave architecture to improve the Performance of Jenkins.
* Used Jenkins, Build forge for Continuous Integration and deployment into Tomcat Application Server.
* Installed and Configured the Nexus repository manager for sharing the artifacts within the company.
* Configuration and Deployment of SQL server 2005/2008 Reporting services.
* Handled deployment of JAR,EAR and WAR files to the respective application server instances.
* Experience in migrating physical Linux/Windows servers to cloud (AWS).
* Designed an Architectural Diagram for different applications before migrating into Amazon cloud for flexible, cost-effective, reliable, scalable, high-performance and secured.
* Maintaining the user accounts (IAM), RDS, Route 53, SES and SNS services in AWS cloud.
* Worked on creation of Change requests and Service requests using ITG.
* Involved in Research of the project application architecture to support/resolve build, compile, and test   
  issues/problems.
* Releasing code to testing regions or staging areas according to the schedule published.
* Participated in all Product Release and Patches.
* Used Jira as ticket tracking and work flow tool.

**Environment**: AWS Cloud, AIX and Windows, BMC Remedy, Shell, Python, Web Logic Server 11g, Active Directory, JDK1.7, XML, SVN, Jenkins, Maven, GIT, Jira, SQL, J2EE, Puppet, Shell, Perl, ANT, Cruise Control, UNIX, Windows NT/2000 and Web Sphere

**Fanatics Inc., Jacksonville, FLAug 2012-Oct2013**

**Build and Release Engineer**  
Fanatics Inc. is the market leader for officially licensed sports merchandise and provides the ultimate shopping experience to sports fans. A top 50 Internet Retailer Company, Fanatics comprises the broadest online assortment by offering hundreds of thousands of officially licensed items via its Fanatics and FansEdge brands, as well as the largest selection of sports collectibles and memorabilia through Fanatics Authentic.

**Responsibilities:**

* Responsible for streamlining the build, deployment and release of technology for commercial cards enterprise system using scripting, SVN, and Java technologies, architecture, and design framework.
* Designed and implemented Subversion and GIT metadata including elements, labels, attributes, triggers and hyperlinks.
* Automated the build process using build tool Jenkins and scheduled it daily for the sanity check of the Java code checked in by the developers.
* Introduced new techniques and technologies for build automation to evolve existing systems.
* Created shell scripts for automation of different projects including SQL Database deployments to different environments like DEV, SIT, UAT etc.
* Worked efficiently with Applications Development and Support group to implement, test and rollout new patch releases.
* Involved in periodic archiving and storage of the source code for disaster recovery.
* Involved in Migrating applications to the AWS cloud.
* Suggested tools and related implementation to engineering teams regarding cloud based services.
* Executed QA services for enhancing efficiency of technologies and related updates for cloud storage applications.
* Designed Puppet Modules to manage configurations and automate installation process.
* Installed and configured monitoring tools Nagios for monitoring the network bandwidth and the hard drives status.
* Deployed the Java applications into web application servers like Web logic.
* Developed automation scripting in Python (core) using Puppet to deploy and manage Java applications across Linux servers.
* Developed build and deployment scripts using ANT and MAVEN as build tools in Jenkins to move from one environment to other environments.
* Created Branches, and performed Merges in Source Tree & Stash.
* Merged the Branches after the Code Freeze.
* Worked closely with developers to pinpoint and provide early warnings of common build failures.
* Experience in partially administering ALM (PIVOTAL TRACKOR) for issue management.
* Created Perl & UNIX scripts for build and Release activities in QA, Staging and Production environments.
* Worked with customers, developers, testing, product management and support staff.
* Executed user administration and maintenance tasks including creating users and groups, reports and queries.
* Kept track of all the releases and request of the developers through Infrastructure management tool.

**Environment:** Jenkins, GIT, ANT, MAVEN, JIRA, Chef, Python, JAVA/J2EE, Web Sphere, Nagios,Puppet, Unix/Linux, Windows, Ruby, Perl, Shell, Jira, Apache Tomcat, XML, Java/J2EE.

**Cypress Care, Duluth, GA Sept2011-July2012**

**Build and Release Engineer**  
Cypress Care provides health cost management solutions and strategies for the Medicare, workers compensation, and auto insurance markets in the United States. It offers pharmacy benefit programs, such as clinical management and utilization, and claims administration productivity improvement; and ancillary health services, including provision of durable medical equipment, supplies, orthotics and prosthetics, home health care and rehabilitation therapy, transportation, and diagnostic imaging.

**Responsibilities:**

* Performed software configuration/release management activities for three different Java applications.
* Involved in writing Ant scripts for various projects.
* Suggested and implemented the process of nightly builds and auto deployments for fast paced applications.
* Developed and maintained Ant scripts to automate builds and release tasks.
* Designed Build and release methodologies for JAVA and DB2 applications and deployment.
* Streamlined release processes and software development process by standardizing the change control process, automation and code review.
* Maintained versions. Configurations and build policies for parallel releases and patches.
* Performed daily builds for managing the system test and UAT environments.
* Involved in installing, setting up of the class paths, configuring, maintaining and troubleshooting the system.
* Coordinated with release manager and scheduled successful release for multiple projects.  
  Maintained servers used to build product releases. Installed daily builds on QA machines and ran preliminary performance smoke tests.
* Participated and helped the team in migrating source code repositories from Subversion to ClearCase.
* Supported the task of creating baselines and recommended the rebase of particular stream to different dev and test teams.

**Environment:** Windows, Linux, ANT, JAVA, IBM DB2, Subversion, Clearcase, Apache Tomcat Webserver.

**HDFC Bank, India Nov2010-Aug2011  
SCM Engineer**This is a web based intrenet call center application helps client to provide efficient customer service for credit card transactions. This application provides a better interface to manage credit card transactions when the customer calls customer service representative**.  
Responsibilities:**

* Setting up continuous integration and formal builds using Artifactory repository.
* Integrated MSBUILD with SVN to manage and deploy project related tags.
* Installed and administered Artifactory repository to deploy the artifacts generated by Maven and to store the dependent jars, which are used during the build.
* Mentor Business Areas on Subversion Branching, Merging strategies concepts.
* Involved partially in deploying DLLs/EXEs (backend) through Weblogic Application Serverconsole.
* Performed setup of environment with Internet Information Server.
* Support Lead developers with Configuration Management issues.
* Worked for Creating the Software Configuration Management Plan.
* Managed the entire release communication and Release co-ordination during the Project roll-out.
* Involved in estimating the resources required for the project based on the requirements.

**Environment**: Subversion, GIT, Bamboo, Java/J2EE, JDK, ANT, MAVEN, DB2, UNIX, Windows XP,WebSphere.