Ravi Kumar

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#### Summary:

* Over 3+ years of experience in middleware support Build and Configuration, Build and Release application under various platforms.
* Involved in creating services like proxy and business service and import the same to the different environment.
* Experience in using version controller tools like Subversion (**SVN**), **GIT**, IBM Clear case UCM and PVCS.
* Extensively worked on Hudson, **Jenkins** and Team City for continuous integration and for End to End automation for all build and deployments.
* Knowledge of **Chef** as Configuration management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage change.
* Worked with development engineers to ensure automated test efforts are tightly integrated with the build system and in fixing the error while doing the deployment and building.
* Exposed to all aspects of software development life cycle (SDLC) such as Analysis, Planning, Developing, and Testing, and Implementing, Post-production analysis of the projects.
* Ability in deploying the developed code in a WebSphere/**WebLogic**/Apache Tomcat/JBOSS, IIS7.
* Excellent knowledge on Java/J2EE and also the ability of developing XML, HTML, **Shell** Scripts and Perl Scripts.
* Efficient in working closely with core product teams to ensure high quality and timely delivery of builds.
* Excellent experience in documenting and automating the build and release process.
* Ability in managing all aspects of the software configuration management process including code compilation, packaging/deployment/release methodology & application configurations.
* Expertise in Querying RDBMS such as Oracle, SQL Server using SQL, PL/SQL for data integrity.
* Experience in using bug tracking systems like JIRA, Remedy and HP Quality Center.
* Proficient in tracing complex build problems, release issues and environment issues in a multi-component environment
* Extensively used build utilities like **Maven**, **ANT** for building of jar, war, bar and ear files.
* Expertise in troubleshooting the problems generated while building, deploying and also in production support
* Excellent communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and team work environments.

**Technical Skills**

Languages: C, C++, XML, Java

Operating Systems: Windows, UNIX (SUN Solaris, Linux, HP-UX, IBM AIX)

Databases: Oracle, MS SQL Server, My SQL

Middleware: IIS, apache Tomcat, WebLogic, WebSphere, JBoss, I Planet

CI Tools Hudson, Jenkins, Bamboo, Team City, Anthill Pro

Scripting Shell, Perl, Ruby, Ant, Maven

#### PROFESSIONAL EXPERIENCE JPMC, Hyderabad, October’2013 – Till Role: DevOps Engineer Responsibilities:

#### Developed build and deployment processes for Pre-production environments.

* Worked closely with the development and operations organizations to implement the necessary tools and process to support the automation of builds, deployments, testing and infrastructure (infrastructure as code) using **Chef**.
* Developed **Chef** recipes to configure, deploy and maintain software components of the existing infrastructure
* Used **Subversion** as source code repositories.
* Managed **SVN/Git** repositories for branching, merging, and tagging.
* Developed **Shell/Perl Scripts** for automation purpose.
* Resolved merging issues during rebasing and re-integrating branches by conducting meetings with Development Team Leads.
* Responsible for designing and deploying best **SCM** processes and procedures.
* Worked closely with software developers and Sysadmin to debug software and system problems
* Used **Chef** to automate Configuration management & Applications.
* Used **Chef** 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.
* Migrated **ANT** projects into Maven projects and written **Maven** pom files from the scratch for multi module projects.
* 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.
* Analyze and resolve conflicts related to merging of source code for **GIT**.
* Implemented the setup for Master slave architecture to improve the Performance of **Jenkins**.
* 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.
* Used **Jenkins** for Continuous Integration and deployment into **Tomcat/WebLogic** Application Server.
* Installed and Configured the **Nexus** repository manager for sharing the artifacts within the company.
* Supported and developed tools for integration, automated testing and release management.
* Verified if the methods used to create and recreate software builds are consistent and repeatable.
* 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.
* Used **Jira** as ticket tracking and work flow tool.

**Environment: Java/J2ee, SVN, GIT, Jenkins, AWS, Chef, Maven, ANT, Tomcat, Cloud computing, Jvm, Jira, Shell/Perl Scripts, Python.**

#### (GEICO) Commercial Auto Sales & Payment, Hyderabad, NOV ’2011 – October‘2013

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#### Role:  Build and Release Engineer Responsibilities:

#### Provided CM and Build support for more than 5 different applications, built and deployed to the production and lower environment.

#### Defined and Implemented CM and Release Management Processes, Policies and Procedures.

#### Implement, maintain and support reliable, timely and reproducible builds for project teams.

#### Maintained build related scripts developed in ANT, Python and shell. Modified build configuration files including Ant’s build.xml.

#### Worked with development team to migrate Ant scripts to Maven.

#### Experienced in authoring pom.xml files, performing releases with the Maven release plugin,  Mavenization of Java projects and managing Maven repositories.

#### Researched and implemented code coverage and unit test plug-ins with Maven/Jenkins.

#### Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share artifacts across projects.

#### Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds.

#### Work with development/testing, deployment, systems/infrastructure and project teams to ensure continuous operation of build and test systems.

#### Worked on the Oracle databases in the backend to execute the DMLs and DDLs.  Own full lifecycle of build system - from analysis, development, implementation and support of builds, unit testing and deployments.

**Environment: Ant, Java/J2EE, Maven, Jenkins, Linux, Solaris, Python, WebSphere, Shell scripting, Nexus**

**EDUCATION:**

Bachelor Degree (BSC-Computer Science) Under Kakatiya University Warangal in 2009.