V. kiran Kumar **kiran.sap463@gmail.com**

**Build and Release Engineer** Mobile : +**91 -9494608625**

**Professional Summary:**

* Around **4+** years of sound experience as **Build & Release Engineer** in software configuration & release management, building & deploying software, process creation, automation & control environment management activities in Web based Application.
* Experience in Configuration of tasks. Experienced in branching strategies, merging and taking regular backups of the source code.
* Experience in software methodologies like Waterfall model, Agile Methodology.
* Monitored and administered Sub version and creation of branches/tags/trunks as per project requirement.
* Strong knowledge on **Unix/Linux** OS with specialization in Redhat Linux.
* Expertise Knowledge in version control installation like **SVN and GIT.**
* Administering and maintaining **Subversion** code repository and backup files.
* Experience in handling security issues in subversion inclusive of post and pre commits.
* Comprehensive knowledge in using **Ant** and **Maven** scripts for all the build scripts to automate the Compilation, Deployment.
* **Jenkins/Hudson** Continuous Integration Server – Installation, Configuration, Design and Administration, experience of extending and integrating these tools with other systems, platforms.
* Automation of scripts, software builds and deployments using **JENKINS**.
* Sound knowledge in writing shell scripts to perform deployment of Java Build files and automating manual tasks.
* Scripting in multiple languages on UNIX, LINUX and Windows –Batch, Shell.
* Handling all the releases such as maintenance release, emergency release, patch deployments, and launch of new projects.
* Analyzing application logs in order to determine the possible cause of issues and reporting errors directly to the **Dev** team.
* Managed daily builds and releases to QA. **Debugged build failures** and worked with developers and QA people to resolve related issues.
* Design, integration, deployment and administration of J2EE Application servers – **Tomcat** and **Jboss** Application Server across UNIX, Windows and Linux platforms.
* Worked on Enterprise applications and maintaining high end infrastructure.
* Development life cycle, implementation, and quality assurance, complete product cycles.
* Good knowledge on **Opscode Chef** DevOps tools.
* Involved in Release Level Discussions and gone through the total SDLC process.
* Good administration skills over Jenkins and providing on support to the developers on time.
* Expertise in deployment of applications in apache tomcat server.
* Excellent analytical and problem solving skills.
* Able to learn new technologies, concepts and business processes quickly and efficiently.

**Education:**

* Bachelors in Electronics and Communication Engineering – JNTU University, INDIA.

**Technical Skills**:-

|  |  |
| --- | --- |
| Version Control Tools | SVN,GIT |
| Continuous Integration Tool | Hudson, Jenkins |
| Build Tool | Ant and Maven |
| Scripting Languages | Ant, Shell and Batch scripting |
| Databases | MySQL |
| Operating Systems | Linux, Windows, Unix |
| Web and Application server | Apache Tomcat, Weblogic |
| Virtualization Tools ( Trained ) | VMWare and Virtual box |
| Sdlc | Agile Methodology |

**Trainings** **Attended:**

|  |  |
| --- | --- |
| No | Training Internal/External Days |
| 1 | Unix/Linux Administration External 5 |
| 2 | SCM Administration-SVN Internal 2 |
| 3 | Scripting- Shell External 2 |
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**Professional Experience:**

Working as a Build and Release Engineer at Yash Technologies Pvt Ltd from November 2011 – Till Date.

**Organization Experience:**

**Project#3:**

**Title: E-Banking Solutions NOV 2014 - PRESENT**

**Client: Wells Fargo (USA)**

**Location: Hyderabad.**

**Description:**

Banking Solutions are Web Based designed for corporate banks, and has Exclusive and futuristic features to meet the complete requirement of corporate banking sector .it manages all types of financial transactions and on financial banking transactions like cash transactions ,receipts, payment ,Transfer, Clearing Transactions ,pay Order/DD issuing, closing accounts, Members and Shares, Savings Bank Accounts, Current Accounts, Loans and Fixed Deposits ,New Accounts Creation, ChequeBook issuer, Standing Instruction issue/Terminate, Stop Payment issue/Terminate, locker etc. Easy banking has a Wealth of reports for all levels of operation like cashier reports, Balance sheet, Ledger Day books etc.

**Responsibilities:**

* Manage source control repository in Subversion – controlling and monitoring check-in’s & create tags for builds.
* Automation: Developed new processes and applications to migrating towards continuous integration and agile development
* Providing on-going support and administration for **SVN** and ANT build automation.
* Wrote **Shell script** to automate configuration file deployment instances to UAT environment.
* Worked with Development Team Leads and testing team to establish a **build schedule, execute** software builds in **SVN and troubleshoot build failures**, if any.
* Research the project application architecture to support/resolve build, compile, and test issues/problems.
* Configurations, setup and building of interfaces and modifying the flow to give the opportunity for re-use scalability and functionality.
* Experience in building, deploying and integrating Java-based web applications in a **UNIX**, including exposure to **J2EE** architecture using **ANT.**
* Designed the scripting of **xml build files** (for J2EE build with ant compiler) and providing technical support to development team for compilation problems.
* Automate deployment and release distribution process with Shell and Jenkins/Hudson.
* Developing the utility scripts to effectively reduce the time and manual effort.

**Environment:**  SVN, Git, Ant, Maven, XML, Shell scripting, Apache Tomcat, Jenkins, Unix/Linux.

**Project#2:**

**Title: E-Underwriting system JULY 2013- OCT 2014**

**Client: RSC, USA.**

**Location: Hyderabad.**

**Description:**

RSC (Risk sharing company)is an Insurance company which sells insurance to their clients where they can insure their properties like buildings and any items for Natural perils like(Earth-quake, Tsunami, Fire-Accidents) etc. and Manual perils like (Terrorism, Theft) etc. This project enables the RSC team to decide the amount should be collected from the client based on some parameters which are being processed through e-Underwriting gives the approximate results of 99.87% accuracy. Based on these results and to make the deal profitable with the client and with the Co-insurance companies.

**Responsibilities:**

* Installing and configuring **SUBVERSION**, **Jenkins**, and **Deployment** automation.
* Created the Branching Strategy for the **parallel development**.
* Automating the Build process by writing different scripts
* Administered **merge**, **build** and **deployment** of the codes to all the environments.
* Develop and enhance current tool to suite ongoing need to support the build and configuration of releases of all product team.
* Developing the utility scripts to effectively reduce the time and manual effort.
* Provide **pre commit** and **post commit** hooks for Subversion.
* Responsible for setting up the environment for new developers on their machines.
* Build and deployment scripts according to SCM team standards and processes to **QA**, **Performance** and **Production Environments.**
* Perform **smoke/sanity tests** for the applications deployed and also troubleshoot the application for the issues that arise as part of the smoke test process.
* Created a subversion workflow for **branching strategies** and restricting developers to check in junk code in the trunk.
* Trained developers on Subversion checkout, commits, update and merge, creating branch and tags and **resolving conflicts**.
* Created a **Shell** **script** to back up all subversion repositories in a directory and scheduled daily cleanup.
* Working closely with development and test groups to resolve configuration management issues.

**Environment:**  SVN, Git, Apache ANT, Shell scripting, Jenkins/Hudson, Unix/Linux, Apache Tomcat.

**Project#1:**

**Title: online application MAR 2012- JUNE 2013**

**Client: CAIPERS, USA.**

**Location: Hyderabad.**

**Description:**

**CAIPERS (California Public Employees Retirement System)** is web based enterprise application for variety of retirement, health benefit Programs, services and administers other programs dedicated to protecting the financial security of Its members. We provide a system which integrates different benefits systems of CAIPERS like Health benefits, retirement benefits, death benefits and long term care benefits in a single umbrella. So that all members can access different products offered by CAIPERS in single web page.

**Responsibilities**:

1. Setting up the new build environment for various products in **Linux** environment.
2. Involved in **Subversion** administration.
3. Enabling SVN Hooks.
4. Involved in Branching, Tagging of code delivery at required releases.
5. Involved in Deployment of the application using **Tomcat**
6. Automated build process used for Web Based applications using one or more tools/Automation framework like **Jenkins**.
7. Involved in scheduling the automated build called Nightly Builds.
8. Interacting with developers to sort out issues related to Build Automation.
9. Involved in **Jenkins** and **Tomcat** Administrator.
10. Project involved the usage of maintaining repository and version controlling.
11. Inputs to planning and estimation for configuration and release management activities.
12. Co-work with the globally distributed Development team to fix the build related issues.
13. Promoting code from one Environment to another Environment.
14. Automated nightly builds for all the environments and reporting mechanisms.
15. Involved in the deploying the applications in **QA**, **UAT** and production environments.

**Environment:**  SVN, Apache ANT, Xml scripting, Shell scripting, Jenkins/Hudson, Linux, Apache Tomcat