TYRONE RUSS

Senior Release and Build Engineer

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**QUALIFICATIONS**

* 17+ years of Configuration Management & Build and Release engineering
* 15+ years as a consultant in Software Development
* 7+ years of team and project leadership
* 3+ years of experience coding in following languages Kotlin, PHP, Java, JavaScript Python, HTML
* 2+ years’ experience configuration tools like Jenkins pipeline, AWS Ec2 instances, S3, Route53, CloudFormation
* Creation of Docker Containers - Strong in Continuous Integration and Delivery (CI/CD) concepts  
  Setup and configuration of Kubernetes, Terraform, AWS CloudFormation and understanding of Infrastructure as Code
* Worked in every phase of the Software Development Life Cycle including IT Hardware Support
* Well versed in CMM, ITIL, RUP, Agile Scrum, and ISO 9001 standards
* Well versed in supplementary tools i.e. SharePoint Portal, MS Office, MS Project, MS Visio, etc.
* CM Implementations from tool selection to documentation, training, and support
* Scripting with Unix Shell, Perl, Python, JavaScript, Groovy
* Unix, Linux, & Windows environments -- documentation, training, and support
* Administration of SCM tools such as GitHub, Mercurial, Subversion, ClearCase/ClearQuest, Jenkins, TeamCity, Gradle, Maven, Artifactory and Jira
* Scripting languages like Bash, Ruby, Groovy, PowerShell scripting, and Python

**EDUCATION**

* University of California, Davis, BS, Computer Science and Engineering

Graduated: June 1994

* San Francisco State University, Master of Business Administration

Attended one year: 1995

**BLUE SHIELDS OF CALIFORNIA MAY 2020 TO PRESENT**

**RELEASE AND BUILD ENGINEER**

Primary responsibilities are to support the builds and deployments to nonproduction environments. On board environments with new project releases and utilize Jira to manage change requests. Function as a senior build and release engineer to support Agile/Scrum software development process and build automation using the following tools: Jira, Jenkins, SVN, Maven and bitbucket tools.

* Developed and support the newly created branching strategy for our source control tools Bitbucket and SNV. Conduct code merges for product release and feature branches.
* Support the deployment of applications like Informatica, WebSphere and Web Content and Portal.
* Manage and develop CI/CD Jenkins build jobs – pipelines to support our Continuous Integration and Continuous Delivery efforts.
* Implemented an automated deployment process to force module version updates with Maven, Git, and published to ArtifactoryPro.
* Support scheduled releases into production utilizing Jenkins to automated deployments
* Participate in 24x7 On-Call rotation to address critical build and deployment issues  
  Proactively troubleshoot and resolve system/application issues in real time
* Create and maintain deployment checklist document for monthly integrated releases.

**PROFESSIONAL EXPERIENCE**

**ASSOCIATIONREADY, ATLANTA GA JULY 2018 TO May 2020**

**LEAD BUILD/RELEASE ENGINEER**

Primary responsibilities are to function as a senior build and release engineer to support Agile/Scrum software development environment. In addition, I developed a VB.net API that allow VMSXChange system to integrate with AssociationReady software system. The API requested data from VMSXChange system and populate SqlServer Db tables per the predefined matrix into the Association Ready exchange system.

* Supported build of the document retrieval system and integration of data with our clients
* Function as a Release Manager supporting a Jira Agile/Scrum software development environment
* Created and managed Jenkins build DSL jobs and pipelines using Python and Groovy
* Deployed applications to staging and production environments
* Create and maintain production release checklist for all products
* Issue tracking integrated with GIT repository and JIRA
* Build Artifact management using Artifactory

**AXXTEL, INC ATLANTA GA MAY 2015 TO JULY 2018**

**BUILD AUTOMATION ENGINEER**

Primary responsibilities are to function as a senior build and release engineer, to support Agile/Scrum software development process and build automation using the Jenkins and Git Flow tools.

* Develop good branching strategy that helps our developers to easily collaborate, while not allowing disruptive or code-breaking changes.
* Manage and develop Jenkins build jobs – pipelines to support our Continuous Integration effort.
* Created an automatic deployment process to force module version updates with Maven, Git, and published with ArtifactoryPro
* Used Python to generate web page displaying the status of each release candidate.
* Used Python to parse Maven POM files to collect information on dependencies, parentage, version control, version info, third-party module usage, etc.
* Work closely with Devops team in assisting with the migration of severs from on-premises data center to AWS Cloud and rolling out a build and release process using AWS CloudFormation on long with triaging environment and/or build issues

**INTEL CORP, SACRAMENTO, CA DECEMBER 2012 TO MARCH 2014**

**BUILD AND RELEASE ENGINEER**

Primary responsibilities were implementing and supporting the build and release automation solution for Intel’s and Google’s Android 4.1 Jelly Bean. Helped build and deploy firmware and AOSP utilizing the following tools and processes

* Setup projects in Jira to support Agile/Scrum software development process 4
* Responsible for the branching and merging strategies for the Git source control
* Implemented TeamCity and QuickBuild CI build tools… Maven and Android.mk
* Built and deployed and firmware and Android OS systems
* Deployed applications to Pre-Production environments
* Triaged environmental or build issues
* Configured the tools to run continuous integration builds and sync with other products.

**GE HEALTHCARE, WAUKESHA WI APRIL 2012 TO DECEMBER 2012**

**SENIOR CONFIGURTION MANAGEMENT ANALYST**

Primary responsibilities included the implementation of the continuous integration solution for the CT scanner application, and written scripts to obtain metrics for SDLC (e.g. code reviews, changeset, etc.). Also, work within Agile/Scrum software development environment,

* Developed and implemented a build automation system utilizing Ant, Mercurial, and Maven.
* Setup and managed Maven build projects to run in BuildForge
* Integrated Base ClearCase with Mercurial version control tool
* Wrote python scripts to audit code reviews on all source code

**THE HOME DEPOT, SMYRNA GA FEBRUARY 2011 TO MARCH 2012**

**SENIOR CONFIGURTION MANAGEMENT ANALYST**

Primary responsibilities included evaluating the build and deployment process of the Point of Sales applications, determine risks, make a recommendation and outline a detail solution for migrating to the Openmake build automation tool and the version control tool Subversion.

* Migrated ClearCase/UCM projects to Subversion source control tool
* Developed and implemented a build automation system utilizing Ant, Subversion, and Openmake’s Mojo and Meister tools.
* Implemented a Continuous Integration solution within Openmake
* Wrote Perl and Ant scripts to support the automation effort

**ST. JUDE MEDICAL, SYLMAR CA MAY 2009 TO FEBRUARY 2011**

**CONFIGURATION AND RELEASE MANAGEMENT LEAD**

* Designed and implemented Rational ClearQuest w/ customized schema changes – to support development and production change requests
* Merlin Change/Access Request
* Merlin Service Request
* Builds, Databases, and Server tracking
* Developed new stream strategy to support revised ClearCase usage model
* Conducting Websphere, MQ, Broker, PM4Data and ETL code deployments
* Developed and managed Systems KPIs on SharePoint site
* Recording change execution to comply with SOX, FDA, CLIA, and other auditing requirements
* Lead and managed the Configuration Control Board (CCB) process
* Designed and implemented integration between RTC, ClearQuest, and Quality Center
* Redesigned and implemented Rational Clearquest schema changes
* Developed new stream strategy to support revised ClearCase usage model

**ASCENDANT TECHNOLOGY, AUSTIN, TX IBM RATIONAL TOOL IMPLEMENTATION AND MIGRATION**

**FEB 2008 TO APRIL 2009**

**RATIONAL TOOLS - SOLUTION ARCHITECT**

Worked with IBM team on major rational tools implementation project. **(Boston Scientific)**

* Developed Project plan utilizing MS Project and managed implementation efforts
* Developed Usage Model to support the implementation of Clear Case, Clear Quest, and ReqPro.
* Setup and Implemented integration of Clear quest with RequistePro, defined and implemented build and release processes.
* Provided support for projects utilizing BuildForge -- building Java applications, build script development, enhancement and maintenance using Perl, Unix shell, and Ant

**JP MORGAN CHASE, HOUSTON TX APRIL 2007 – FEBRUARY 2008**

**SENIOR CONFIGURATION MANAGEMENT ENGINEER**

Developing plans for the support of Change Management needs as requested by the Application Development teams. Work with Project Managers to ensure proper configuration management processes and procedures are followed, and release standards are adhered to. Define and implement processes to improve the effectiveness throughout the software development life cycle, by applying the best practices of change management defined by CMM II and Rational Unified Process (RUP).

**Responsibilities/Duties:**

* Define and implement the workflow process for change management with Rational ClearQuest
* Develop and maintain the schema changes for Rational ClearQuest change management tool
* UNIX System Administration – including samba installs, adding users, and monitoring
* Supported ClearCase Multisite environment
* Implemented schema changes to integrate TestManager with ClearQuest
* Support users of ClearQuest, TestManager, and Manual Test

**NATIONWIDE, COLUMBUS, OH - CONSULTANT: BLACK DIAMOND SERVICES, INC. (IBM IMPLEMENTATION)**

**SEPT 2006 – APRIL 2007**

**RATIONAL TOOLS CONSULTANT**

Primary role was to assess the rational tool usage, make recommendations, and implement changes base on SCM best practices. Perform detailed schema changes with Rational ClearQuest Designer tool.

* Migrate UCM VOBs off a decommission server
* Created and implement ClearCase triggers for both UCM and non-UCM activities.
* Design, re-engineering, and implement of UCM components w/ new usage model
* VOB administration - ClearQuest user and database administration
* Redesign ClearQuest schema and archived records within the user database
* Design and implement API script to update CQ records
* Make changes to SoDA reports to address performance issues.

**HARLAND COMPANY, ATLANTA GA FEB 2004 – AUG 2006**

**SENIOR CONFIGURATION MANAGEMENT MANAGER**

Managed a team of 10 employees to establish the overall procedures and processes for change and configuration Management Company wide. Also was responsible for setting up test lab environment and configurations to support performance and user acceptance testing.

Responsibilities/Duties:

* Developed and maintained Project plan to support multiple projects and releases
* Designed and implemented ClearCase usage model w/ UCM.
* Implemented and migrated CMSynergy source code into the ClearCase environment
* Provided training and mentoring to IT Development
* Developed tools for automated QA/CM reports
* Developed build on demand tool integrated with Maven
* Ensure compliance to release management best practices
* Support for projects building Java applications, build script development, enhancement, and maintenance using shell, Ant and Maven

***\*References & additional details available upon request.***