Sr. Rational Tools Consultant

Objective: Over 13+ years of software system development and integration projects through all phases of project life cycle - analysis, design, development, testing, implementation, and post-production support. Provide assistance with implementation of configuration management, process creation, and process creation and control through the use of the IBM Rational Tools. Seek position to enhance the overall quality of software configuration and release control at the project, department or enterprise level. Provide implementation so departments could evolve to higher compliance states in order to develop their code more quickly, better quality and with less cost.

Education: **Drexel University, Philadelphia**
Master of Business Administration   March, 2001

Bharati Vidyapeth's College of Engineering, India
Bachelor of Engineering - Mechanical Engineering.   June, 1997

Rational Certifications: Rational ClearQuest Administration & Customization
IBM Certified Solutions Expert - Collaborative Lifecycle Management V4
IBM Certified Specialist - Rational Quality Manager V3

Other Certifications: Project Management Professional (PMP) Certified by Project Management Institute (PMI)
PMI-ACP (Agile Certified Professional) Certified by PMI
Certified Scrum Master (CSM) by Scrum Alliance / Platinum Edge
Tasktop Certified Deployment Specialist

Related Skills: **Rational Products:** Rational Collaborative Lifecycle Management (CLM), Rational Quality Manager, Rational Team Concert, Jazz Team Server, Rational Publishing Engine, Rational Insight, Rational Reporting for Development Intelligence (RRDI), Rational Asset Manager, Rational Design Management, Rational Requirements Composer, Rational Requisite Pro, Rational Clearquest, RobotJ, XDE Tester, Project Console, Rational Test Manager, Rational Sitecheck, Rational Manual Test, Rational SoDA for Word, Rational Administrator, Rational Robot, Rational Team Concert, Rational Quality Manager, Rational Functional Tester for Java and Web, Manual Tester, Rational Portfolio Manager, Rational Performance Tester, IBM Rational Purify Plus, IBM Rational App Scan.

Version Control: Rational Team Concert and Rational ClearCase, CVS, PVCS
Languages: Java, JSP, WML, WAP, CFML, C++, SQL, PL/SQL, Perl, HTML & JavaScript and others.
Methodology: Rational Unified Process (RUP) and Agile
Operating System(s): DOS, UNIX, and Windows '98 / 2000 / XP, AIX.
RDBMS: Microsoft SQL Server 2000, Oracle 8, Sybase, and Access 2000.

Rational Tools Experience: **A Better Solution, Inc.** - Atlanta, Ga.   2012- Present
SR. RATIONAL TOOLS CONSULTANT
<u>Software Configuration Management</u>: Consulting concentrating on CM, Testing and delivering practices and implementation using the IBM Rational Toolset. Train ABS clients in the effective use of Rational products and best use practices. Responsibilities also include overseeing workstation/server configuration, COTS tools install/config, writing utilities to extend the capabilities of Rational tools and other COTS products.

Consulting assignments include but not limited to the following:

Wellpoint (contractor)   Oklahoma City, OK   (2011-2012)
IBM RATIONAL TOOLS SPECIALIST

- Supporting the 3rd largest IBM client with 4000 + users for IBM Rational Quality manager, IBM Rational Team Concert and IBM Rational Jazz Team Server
- Integration of RQM with RTC, CQ and RequisitePro
- Installation, Configuring, and Customizing the Jazz Solution

- Documenting the architecture of the tools and also writing FAQ and user documentation.
- Worked with a team of offshore and onshore professionals
- Supported the teams as a Tier 3 Advanced user support for critical issues and also liaison for IBM for working with PMR's.
- Implement Rational Application Servers – RTC, RQM, WAS, Oracle with LDAP, SMTP Mail Server Configuration in AIX OS Server environments.
- Implemented 1 RTC Environments, 3 RQM Environment and 1 JTS on WAS and Oracle in production
- Supported 3 dev and 3 test servers for RQM, JTS, and RTC to provide upgrade path for future releases and also for troubleshooting issues
- Version Upgrade - Test and implement the version upgrade of Rational Applications servers, with Version upgrade plan going from Dev to Test to Prod
- Project Migration - Test and implement the Project Migration between the Servers/Versions for all Rational Application Servers.
- Integration - Test and implement integration between Rational Tools, helps the project team to work on highly Sophisticated and Integrated Rational Environment.
- JAZZ.net - Explore on Emerging Rational Tools in JAZZ.net Forum and Recommend the adoptability of project with the Tools.
- Document and Publish the Activities and Steps involved in Deployment, Version upgrade, Migration of Rational Applications
- Conduct sessions with Tier 1 and 2 Team on RQM and RTC for all Team Members for more clarity about the Tools.
- Migrated RQM/RTC from 2.X to 3.0.1 and then to 3.0.1.1 smoothly without affecting Project Regular Activities and Received Appreciation from the client for smooth and fast turnaround time.
- RTC Projects were configured using Agile With Discipline, Scrum Template and RQM Projects were configured using a Custom Template which was developed by the CIO Team and implemented by me
- Working to upgrade Jazz tools to 3.0.1.3 for JTS, RQM and RTC.

Federal Aviation Administration, (contractor)   Oklahoma City, OK   (5/2008 - 3/2011)
RATIONAL SPECIALIST / AUTOMATION ARCHITECT

- Rational Tools Specialist for Standards and Methods team (SMT) supporting ClearQuest, CQTM, RequisitePro, Rational Manual Tester, Rational Functional Tester, Rational SoDA and its integrations.
- Coordinated proof of concept for Rational Team Concert and Rational Quality Manager
- Installed and customized workflows for Rational Team Concert and Rational Quality Manager
- Performed a complete end to end test of Rational Team Concert and Rational Quality Manager in terms of its functions and features
- Performed sanity test to verify Rational Team Concert and Rational Quality Manager would work with FAA infrastructure
- Conducted Jazz sessions for IBM Products during the OKCRUG Meetings
- Configured and developed Enterprise schema design for ClearQuest.
- Created hooks and external applications to ease the process using the ClearQuest API.
- Supported more than 200 members of the team with issues, troubleshooting problems, researching solutions, and quick turnaround to critical issues from clients about rational products.
- Supported configuration and administration of version control system CVS till the group migrates to ClearCase
- Setup RequisitePro Web on the server so that it could be used along with the thick client by external customers to provide better performance.
- Designed and developed the complete process traceability from RequisitePro to ClearQuest to Test Management which can fit the user needs based on company culture
- Architected and implemented use of RequisitePro and supported users with any issues.
- Integrated RequisitePro with ClearQuest and TestManager using Rational Administrator
- Mentored and trained users on the use and features of the tool
- Conducted presentations to show the value of the tool in front of Developers, Testers, Team Leads, and Project Managers.
- Worked with DBA and Server team to ensure smooth working of databases, backup policies and configuration of ClearQuest and RequisitePro Web.

- Documented all the processes and guides which could help users to get quick answers to user questions
- Created a consistent schema for all projects, created master templates that could be used to create new projects, and maintained schema for all projects.
- Migrated projects requirements from legacy systems into the new schema version and also cleaned up old projects which were not used
- Security enabled the projects to LDAP and maintained groups and users of the projects
- Rational automation architect to create the framework for database validation and objects using Rational Functional Tester
- Designed, and implemented database connectivity and validation and also making the objects in the application modularized
- Trained and mentors users on how to use of Rational Functional Tester
- Conducted demo sessions and one on one sessions with the client on the use of the framework and how to enhance the framework further for future needs
- Documented the usage of the framework and also how to add new objects and functions to the framework
- Created Test Cases for Rational ClearQuest and Rational RequisitePro to test schema changes made to the tools
- Created and Executed Manual Scripts in Rational Manual Tester for testing IBM Rational ClearQuest Schema enhancement and had no defects in the system after deployment to production

Diebold, (contractor)   North Canton, OH   (1/2008 - 4/2008)
RATIONAL TOOLS SPECIALIST

- Rational Tools Specialist for Systems Architecture Team (SAT) supporting RequisitePro and its integrations.
- Migrating data from ClearQuest into a spreadsheet, so that users can print story cards based on agile methodology.
- Mapping fields between ClearQuest and an Excel Sheet containing legacy story cards and designed the missing pieces so that data can be easily migrated into Excel from ClearQuest as the first phase and then generating charts and story cards directly from ClearQuest as the second phase.
- Created reports in Crystal Report to extract data from ClearQuest to create Story Cards
- Setup RequisiteWeb on the server so that it could be used instead of the thick client in a global environment to support sites in India, Brazil and Belgium.
- Designed SoDA Reports to generate Feature Cards (Agile) from RequisitePro
- Conducted sessions to facilitate the development of the Requirement Management Plan, and traceability chart for RequisitePro, audience included from Team Leads to Directors
- Designed and developed the complete process traceability from RequisitePro to ClearQuest to Test Management which can fit the user needs based on company culture
- Architected and implemented use of RequisitePro and supported users with any issues.
- Integrated RequisitePro with ClearQuest and TestManager using Rational Administrator
- Conducted numerous meetings to reach to a final RMP and Traceability Chart to show how RequisitePro would be used at Diebold
- Automatically imported requirements from an external document into RequisitePro
- Mentored and trained users on the use and features of the tool
- Conducted presentations to show the value of the tool in front of Developers, Testers, Team Leads, Project Managers, Directors and VP
- Worked with DBA and Server team to ensure smooth working of databases, backup policies and configuration of RequisitePro Web.
- Documented all the processes and guides which could help users to get quick answers to their questions
- Created a consistent schema for all projects, created master templates that could be used to create new projects, and maintained schema for all projects.
- Migrated projects requirements from legacy systems into the new schema version
- Security enabled the projects to LDAP and maintained groups and users of the projects
- Created views to help users with Coverage and Impact Analysis and also helped with Traceability views and mentored users on how to work with them

Transamerica Reinsurance, (contractor)   Charlotte, NC   (10/07 - 01/08)
RATIONAL AUTOMATION ENGINEER

- Rational automation engineer to create the framework for database validation and scripts for Dataset Loading process using Rational Functional Tester
- Created a proof of concept model to move dataset from loading staged to the last stage of the process completely automated using RFT
- Designed, and implemented database connectivity and validation and also making the objects in the application modularized
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- Trained and mentors users on how to use of Rational Functional Tester
- Conducted demo sessions and one on one sessions with the client on the use of the framework and how to enhance the framework further for future needs
- Documented the usage of the framework and also how to add new objects and functions to the framework

Highmark, (contractor)   Pittsburgh, PA   (2/2006 – 9/2007)
RATIONAL TOOLS ADMINISTRATOR

- Rational Tools Specialist for HighRUP group called HighRUP COE Tools Team
- Supported more than 500 members and 40+ projects on the team with issues, troubleshooting problems, researching solutions, and quick turnaround to critical issues from clients about rational products.
- Participated in the CCB discussions on how to set up Requisite Pro and TestManager
- Mentored users on how to use RequisitePro and TestManager
- Backup support for ClearQuest and ProjectConsole Issues
- Created custom scripts using Visual Basic for RequisitePro and TestManager in Excel using VBA
- Tested versions of the software for Compatibility issues with the local Highmark environment
- Administered and managed users in RequisitePro and TestManager (using Rational Administrator)
- Performed integrations for ClearQuest, RequisitePro and TestManager using Rational Administrator
- Worked with the documentation team to create appropriate documentation for users
- Worked with the DBA and server team to create Web Server and database configuration
- Guided the HighRUP team on the right way to use tools and convinced the client to use multiple databases versus single databases in RequisitePro
- Created custom reports using SoDA based on project team needs
- Worked with the Cognos team to create custom reports based on data from ClearQuest, RequisitePro and TestManager
- Helped the HighRUP team to recruit new team members for the team
- Coordinated the backup and restore process for data loss in RequsitePro and TestManager

CGI-AMS (Formerly American Management System),   VA   (6/2002 – 2/2006)
RATIONAL TOOLS SPECIALIST/RATIONAL ADMINISTRATOR

- Team member of the Rational Tools Team at CGI-AMS for creating and implementing ClearQuest and Requisite Pro modules that would be deployed throughout Product Engineering group.
- Configured and developed Enterprise schema design for ClearQuest. Enabled UCM for ClearQuest so that it could be integrated with ClearCase.
- Created hooks and external applications to ease the process to add users by customers using the ClearQuest API.
- Supported more than 120 members of the team with issues, troubleshooting problems, researching solutions, and quick turnaround to critical issues from clients about rational products.
- Created custom scripts for ClearQuest using Visual Basic and Perl.
- Created an automated tool known as design generator to generate all types of designs by getting requirements from RequisitePro, which is now a standard application for many projects using Visual Basic.
- Designed, developed and implemented for the very first time in the history of CGI-AMS to do automated staging and regression testing using RobotJ and XDE Tester.

- Created a plug in framework for XDE Tester to verify data, which couldn't be verified by XDE Tester GUI.
- Supported single handedly 3 top projects at CGI-AMS for ClearQuest, Requisite Pro, XDE Tester, Test Manager and Design Generator.
- Mentored and Trained users in the use of ClearQuest, RequisitePro, TestManager and Functional Tester.
- Conducted Demo sessions to show overview of Rational Tools and how they integrate with each other.
- Linked Rational Requisite Pro, Rational ClearQuest and Rational Test Manager using Rational Administrator
- Troubleshooting issues with Test Manager such as deleted test cases, getting test cases from backup, creating test assets for multiple projects, keeping the integrity of the data repository, and preventing data corruption.
- Designed, developed and implemented the Project Console to create reports for the top management on an everyday basic and published the reports on the web.
- Created and supported projects for managing requirements, creating templates, troubleshooting issues and problems, and maintaining requirement type, attributes and document types in Requisite Pro.
- Received a certificate for administering and customizing Rational ClearQuest from Rational.
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Other Professional Experience:

Federal Aviation Administration, (contractor)   Oklahoma City, OK   (05/11 - 8/11)
PL / SQL, Java, Web Services

- PL / SQL, Java and Web Services Programmer supporting FAA Oracle Financial System Delphi working on the SCR Team
- Design, programming, documentation, and implementation of Oracle Financial applications, which are administrative, business, or technically oriented in nature.
- Understanding the needs of the client and work the features into the system
- Working with Functional Oracle Financials Consultant and enhancing the functionality
- Performed development and testing of application Interface objects between Oracle Financials (Delphi) and other systems as PRISM.
- Utilized Oracle SOA Suite 11g and Business Process Engineering Language (BPEL) and BPEL Human Workflow using development tools such as JDeveloper.
- Strong experience with PL/SQL, Java, XML and XSL/XSLT
- Experience database and FTP adapters within SOA
- Worked with XML Publisher so create programs which would generate dunning and invoice letters

CGI-AMS (Formerly American Management System),   VA   (6/2001 – 5/2002)
System Designer

- Supported the project team of more than 70 members for managing the requirements of the project using Rational Requisite Pro without any having any previous knowledge or training
- Designed, developed and supported an application in Visual Basic to generate more than 500 designs of different types for client deliverable
- Design and developed the modification functionality for Wisconsin Department of Revenue over the baseline package and created detailed design packets
- Worked on all the major aspects of the design and the three most important sub systems of the project such as Taxpayer Identification, Taxpayer Accounting and Reports Processing. Also maintained reference data for all sub systems

References: Available upon request