**Shyam Kumar**

**Test Professional**

Professional Expertise

* Over 8+ years of diversified experience in the field of Software Quality Assurance and Software Testing/Analyst with emphasis on Client-Server and Web based Applications in Manual Testing.
* Strong understanding of Test Methodologies, QA Process and Testing Types in Project Life Cycles.
* In depth knowledge in Software Development Life Cycle (SDLC), Waterfall, Iterative, Agile and V-Model test methodologies
* Experience in designing, development, testing, deployment, configuration, and support of web based applications using JAVA/J2EE technologies like spring, Servlet, JSP, JDBC, and Struts
* Experience in developing build, deployment, and configuration scripts using ANT, Maven, and JACL.
* Experience in analysis of Testing Artifacts like Business Requirements Document (BRD), Software Requirement Specifications (SRS), Functional Requirement Specification (FRS) and System Design Specification (SDS). Proficient in System Integration(SIT), Functional, Positive, Negative, Regression and User Acceptance Testing(UAT).
* Worked in an agile software development environment.
* Developed the Test plan and test cases for multiple projects and uploaded the final test cases to Quality Center. Documented Test Plan, Test Objectives, Test Strategies, Test Scripts, Test Scenarios and Test Cases.
* Executed the test cases in Quality Center and Generated Test execution/Summary Reports, Defects Report and tracked defects using Quality Center.
* Involved in designing and maintaining Requirements Traceability Matrix**(RTM)** to ensure comprehensive test coverage of requirements.
* Proficient in different **types of Testing** like Installation and Configuration Testing, Functional Testing, User Interface & Usability Testing, Regression Testing, Integration Testing, System Testing, Compatibility, and User Acceptance Testing.
* Experienced in test Automation tool Quick Test Professional (QTP) and test management tool Quality Center/Test Director and defect management tool JIRA.
* Experienced in performing Data Driven Testing using parameterization in Quick Test Pro, to test the [application](http://www.findjobz.com/resume/wKP9Sdzk%20Zs=/project-manager-maintenance-business-analyst-l-columbus-ohio-43220) with different sets of data.
* Strong aptitude in implementing Quality Assurance Standards and Testing Methodologies for Large Enterprise GUI and Web Application using Use Case Documents, Functional Specifications and Business Requirements.
* Proficient in PL/SQL and TSQL queries for Oracle, MS SQL Server Databases. Performed back end testing using SQL queries, generated reports to ensure data integrity and validation in business rules.
* Organized, attention to detail, self-motivated, personable and able to meet project milestones and deliverable dates.
* Self-starter with strong work ethics and skills in time management, client relationship and ability to adapt and learn new things quickly.
* Ability to multi-task, motivating others, work efficiently and demonstrate excellent customer service skills.
* Enjoy working collaboratively with testers, developers and other team members in testing complex projects and in the overall enhancement of software product quality.

Technical Skills

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| **Languages:** | VB.NET,C#, C, C++, , Java, PL/SQL, TSQL |
| **Web Technologies:** | ASP.NET, HTML, DHTML, JavaScript, VBScript, XML |
| **Testing Tools:** | Test Director 8.0, HP **Quality Center**10.0/9.2/9.0, **QTP** 9.2/8.2/8.0, MS Office Tools/JIRA, IBM Rational Portfolio Manager 6.2, IBM Rational ClearQuest |
| **Configuration Manager:** | Visual Source Safe |
| **RDBMS:** | Oracle 11g/10g, SQL Server 2000/2005/2008 |
| **Reporting Tools:** | Test Director/ HP Quality Center |
| **Operating System:** | Windows 7/ XP/2000/98/95/3.1, NT4.0, Windows Server 2008/2003, UNIX, Linux |

QA Tester Credit Suisse November 2013 to till date

Description   
• Attended reviews and walkthroughs to better understand the Requirement documents.   
• Analyzed FRS and BRDs to get a better understanding of the system on both functional and business perspectives.   
• Involved in the creation of the Test plan, Test Strategy and Test Cases as per requirements and also estimated the test execution efforts for the project based on the requirements.   
• Designed and developed automation test scripts using QTP and managed testing activities using HP ALM.   
• Used Data Driven Testing methodology to test the application with multiple sets of data.   
• Required to use Descriptive Programming at certain situations to complete the scripts.   
• Created Recovery Files using Recovery Scenario Manager associated the recovery scenarios to tests to instruct QTP with specified trigger action on unexpected event/popup.   
• Modified and Executed automated and manual test scripts for different modules using QTP , analyzed the results and reported bugs in Quality center.   
• Used Quality Center to write test cases, map test cases to requirements (Traceability Matrix) and defect tracking.   
• Executed all Test cases in all phases of testing like GUI Testing, Functional Testing, Regression testing, and also end to end testing.   
• Performed the back-end testing to ensure data consistency on front-end by writing and executing SQL queries on the database.   
• Involved in testing Compatibility of software under various Internet Browsers.   
• Worked with Development teams investigating and correcting software bugs and deficiencies based on testing results.   
• Participated in daily calls with business users, developers and weekly status meetings.   
• Provided a weekly project report that includes Test Metrics and status reports.   
• To interface with development and Operation's team to ensure the quality of software to user expectation.   
   
(Technologies: QTP 11, ALM 11, Oracle10g, J2EE, Windows XP, UNIX and MS Visio)

QA Analyst BIO-RAD Laboratories Hercules, CA July 2011 to Oct 2013

Description  
Bio-Rad is in the process of re-launching their web site Broad Vision on to a new platform i.e. eVolution. The new evolution continuous to deliver existing features of Broad Vision and also includes new functionalities. The system includes Portal, BAAN, Sterling commerce (ATT), CMS (Interwoven Team Site), e-commerce modules. E-Commerce site is to sell Bio-Rad products in fourteen countries. Only the registered customers are allowed to add products to their shopping cart, Partial Registered are allowed to Quote Products and Request the Literature.   
Responsibilities   
• Gathered Requirements, Analyzed Strategy and Workflow as a QA Analyst   
• Designed High-level scenario Document, Test Case Document and mapped to the Requirements in Quality Center.   
• Managed and updated all the Test Cases, Test Plans, Test Results, Test Summary Reports and Other deliverables.   
• Developed and created the test scripts for regression testing using QTP 10.0/11.00   
• Automated Regression Test Cases using QTP.   
• Played a Key role in Building framework with Data, Environment, Functions, Object Repository, Results, scripts, Test Cases and Screen shots.   
• Developed Test Scripts based on Very High Priority, High Priority, Medium, Low Priority for regression testing using QTP 10.0/11.00 in hybrid framework.   
• Created Objects Excel as a Repository to store the objects and used in QTP Scripts.   
• Created and Enhanced the VB test scripts using the Built-in functions, Synchronization points, Checkpoints, to automate Regression Testing using QTP.   
• Worked on data table, for importing data from external sources like Excel, and Database.   
• Executed the test scripts on different releases and validated the actual results against the expected results.   
• Tested Product List Price, Account Price, Promotion values manually in BAAN and Customer Quote, Request, Shopping Cart E-Mail (Internal / External) in Sterling DB.   
• Performed Cross Browser testing of application in IE7/IE8, IE9, Mozilla Firefox, and Compatibility Testing on Windows XP/Vista, MAC, windows 7.   
• Responsible for Functionality testing, Integration testing and Regression Testing.   
• Wrote Test Cases and validated the reports for frequent Bio-Rad visitors, Search Reports for Product Views and Promotional Details.   
• Attending weekly status call with all stakeholders to review deployment schedule, issues logged and status thereof.   
Environment: Java/J2EE, Web Logic Application Server 9.2, XML, AJAX, Interwoven Team-site, Sterling Commerce 8.0.1, Web Trends Analytics 9, BAAN (ERP Tool), WLI, J-Unit, SQL Server 2008, SQL, HTML, Windows XP/Vista, Windows 7, QTP 10.0/, Dovetail, Quality Center /9

QA Analyst State of Tennessee Nashville, TN March 2010 to June 2011

Description   
TRUST-Title and Registration User's System of Tennessee. This system is developed migrate the current mainframe system into a more enhanced Web-based system. The application will be used by most counties with in the State of Tennessee, to achieve a central database for vehicles in the state. The application has different modules like Inventory, Nightly Batch Jobs, and Web services and integrating with other services like CVINA, NADA, NCIC, INOVAH POS System, Project has two Parts: Converting the existing mainframe application into Web-based application using Java/J2ee technology and existing database into a Relational DB2 database.   
Responsibilities:   
• Worked closely with Development and Business team to discuss the design and testing aspects of the applications to design.   
• Involved in the development of the Test plan - Approach, scope, resource assignments, and schedules.   
• Developed, Enhanced, and Maintained automated testing scripts with Quick Test Pro for Regression, Integration, and system Testing.   
• Experience in Software Development Life Cycle (SDLC) such as Waterfall model and Agile Scrum methodology.   
• Writing Test cases based on SRS and Executing Test Cases manually for some Functionality.   
• Reviewing Work In Progress reports on weekly basis.   
• Identified, analyzed and documented all defects with severity by comparing actual test results with expected results.   
• Performed Functional, Regression tests as per Testing standards and process mentioned in Test Plan.   
• Reporting HP Quick Test Pro (QTP) Execution results.   
• Tracking the bugs, making pass-fail report, comparison chart and Defect report.   
• Involved in User Acceptance Testing (UAT).   
Environment: Quality Center 9.0, Java, HTML, J2EE, JSP, JavaScript, XML, DB2, Informatica, Crystal Reports, LDAP, AJAX,

QA Tester Essar Information Technology June 2006 to Feb 2010

India

Environment: SQL, Waterfall, Linux

Description

* Analyzed functional requirements and provided a structured approach to all phases of testing.
* Reviewed the User Requirements Document and prepared the detailed Test plan and Test criteria.
* Ran builds, tracked successful builds and failed builds and also kept track of build history which is essential part of testing the batch job execution process.
* Performed functional, integration, system and End-to-End testing to cover all business scenarios.
* Used the guidelines and artifacts of the agile methodology effort in different iterations and phases of the Software Development Life Cycle.
* Worked closely with the project manager, business lead and technical lead to identify research and escalate issues and risks to the appropriate work stream for resolution.
* Was responsible for tracking issues that are detected and updating the status of existing issues based on the daily meetings with the off-shore team.
* Performed Manual Back-End testing to map the source data to the target data to verify that the data does not get corrupted traveling from front end to the back end and vice-versa.
* Performed Functional testing of CG website for different shipping addresses and credit card processing.
* Performed Integration Testing, System Testing of Web Store, User Acceptance Testing, and Performance &Stress Testing of an application.
* Also conducted Black box testing to ensure the particular functionality of the application is working properly as designed.
* Performed testing made sure that Customer is able to receive the newsletter.
* Performed Functional, Integration, System, End-to-End, smoke testing for numerous scenarios for full retail business for peak and non-peak period.