**Kshitiz Malla**

**kshitizmalla7@gmail.com**

**(832) 762-1434**

**SUMMARY:**

* Software IT professional with Over 7 years of diversified experience in Software Testing and Quality Assurance with various client/server as well as web based applications.
* Professional experience in designing Test Cases and Test Scripts for Windows and UNIX environment.
* Experience in analyzing Business Requirements, use cases and design documents.
* Knowledge and experience in all phases of application/software development lifecycle SDLC including Requirements, Analysis and Design, Development and Testing, and software testing life cycle STLC.
* Expertise in Manual and Automated Testing in different testing methodologies like Agile, Scrum etc.
* Excellent skills in identifying test data including the input data, pre-conditions and expected results for both positive and negative test scenarios.
* Experience with ODM/BPM testing.
* Solid knowledge in Java and OOPS concepts (Inheritance, Encapsulation and Polymorphism), Object, Method, Interface, Abstract Class, Keywords and Variables required for Selenium frameworks.
* Experience in Automated testing using Selenium including Selenium IDE, Selenium Remote control, Web Driver, Selenium GRID, TestNG, JUnit and Eclipse.
* Proficient in a wide range of Test Automation and Web Services testing tools including HP Service Test, SOAP UI, CA LISA and QTP.
* Maintaining Test data in Excel files and Importing Excel files from Resources module in Quality Center to QTP data table and read the values based on the functional requirement.
* Good experience in QTP VB Script programming standards, developed reusable functional libraries which are used in different scripts.
* Experience in QA Testing tasks like bug reporting and tracking, unit testing, GUI testing, and integration testing.
* Knowledge of Structured Query Language SQL, Joins, PL/SQL stored procedures Triggers.
* Experienced in Integration, End to End testing and User Acceptance testing, Back-End Testing phases and corresponding process of migration.
* Proficient in scripting languages such as UNIX Shell Scripting etc.
* Possess excellent project management skills, time management skills, presentational skills and communication skills.

**EDUCATION:**

Bachelor of Computer Science and Information Technology, Tribhuvan University, Nepal .

**TECHNICAL SKILLS**

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| **Languages** | C, C ++, Java, C#, SQL, HTML, XML, VB Script. |
| **Testing Tools** | Selenium Suite (Selenium WebDriver, SeleniumIDE, Selenium Server, Selenium Remote Control, Selenium Grid, Selenium Client Driver), HP Testing Suite (Quality Center, Quick Test Professional, LoadRunner, Performance Center). |
| **Operating Systems** | MS-DOS, Windows, UNIX/Linux |
| **Databases** | Oracle, MS-SQL Server, IBM DB2. |
| **Build /Integration Tools** | Maven. |
| **Bug Tracking Tools** | Rally, JIRA, HP Quality Center, Bugzilla. |
| **Development Methodology** | Agile, Waterfall, Scrum. |
| **Unit Testing framework** | JUnit, TestNG. |
| **Other Tools** | SQL Plus, TOAD, Microsoft Office Suite. |

**PROFESSIONAL EXPERIENCE**

**Client: John Deere, Lathrop, CA June 2015 to Present**

**Role: Sr.QA Automation Test Analyst**

**Responsibilities:**

* Worked extensively in writing and executing Selenium WebDriver automation script in Java for cross browsing testing.
* Created an end to end Selenium RC Script to test some applications with varied sets of data, capturing and comparing results.
* Used Quality Center to execute automation scripts in batch mode or unattended mode.
* Developed SQL Queries to retrieve or create test data from different Oracle Test databases.
* Helped to implement agile development environment and Performed tests on various features of agile development process.
* Export requirement, test cases into the Quality Center, run manual and automation test cases from test lab and log defects from defects module.
* Participated in peer review meeting for created Test plan, test cases and analyzing various testing documents and process of testing life cycle.
* Create standard testing life cycle flow diagram for projects and presented to test team to follow testing process.
* Configured Selenium RC and Selenium GRID on CART machines.
* Participated to create Test Analysis reports TAR and stored them into the Quality Center.
* Updated RTM in daily, send status report and daily tracking report to test manager.
* Performed UAT testing in the UAT environment prior to notify to the customer to start performing UAT testing.
* Performed Functional Testing using Quality Center.
* Defined the Test Engagement Process for new application launch and maintenance releases.

**Environment:** Java, HTML, XML, TOAD, JIRA, MS Office, HP Quality Center, Selenium Web Driver, Selenium IDE, Selenium Server, Selenium Remote Control, Selenium Grid, Selenium Client Driver, VB Script, Windows,Oracle, Agile.

**Client: Sovereign Bank, Boston, MA December 2013 to May 2015**

**Role: Automation Test Analyst**

**Responsibilities:**

* Reviewed/analyzed Business Requirements and Software Requirements Specification Documents and prepared Test analysis documents.
* Tested application under the agile, scrum and sprint development and process.
* Performed test case assignments in Test Lab modules of Quality Center.
* Create Test related documents such as Test Plan, Test Scenario, and Test Cases throughout the STLC.
* Analyzed Loanfile **XML** Schema. If necessary, created elements and attributes with consultation from Line of Business (LOB), for passing loan file information from one service to another as part of the testing,
* Performed Back-End testing using **SQL** queries within the parameterized UFT   
  Scripts to compare and retrieve data by using Database Checkpoints.
* Participated in meetings scheduled and as-necessary basis.
* Used **SoapUI** and **QTP** for WSDL web-service testing and verified elements and values from web-service response as well as parameterized using **QTP** to verify response with multiple set of data.
* Performed Performance testing for Web Service using **Soap UI**
* Performed REST API testing using **SoapUI** as a testing tool where I created a new project into **SoapUI**, create Test cases, test script, set up parameters added assertions to test scripts and execute test case into **SoapUI**.
* Validated **SoapUI** result in **XML** format and prepared Test Summary Report for end client.
* Generated reports and graphs to provide the end results to Test Management team from Quality Center.
* Performed Performance Testing using **CA LiSA**
* Reduced environment downtime by 20% by implementing Service Virtualization using **CA Lisa** tool
* Understanding the Business requirement and Functional requirements.
* Used different In-House software to track data flow, system interactions, system defects, service requests and responses.
* Tracking defects in Jira and linking the defect to the test case in Quality Center.
* Involved in UAT testing for migrating the data.
* Successfully implemented the End2End testing and UAT (User acceptance testing)
* Entered bugs in **Quality Center**, verified bug fixes and performed end to end testing.
* Followed Agile Methodology to emphasize on real time communication over written documentation.
* Conducted System Testing, Regression testing, GUI Testing and Cross Browser compatibility testing during the releases and interacted with the developers to resolve any technical issues
* Used **Quality Center** bug tracking tool to analyze & capture bugs, track and manage dashboard any type of updates for project release.
* Reviewed extensive **SQL** Queries with complex multi-table joins and nested queries.
* Involved in reviewing complex **SQL** queries, views, functions and stored procedures and spotting issues before/during code migration.
* Created and maintained **SQL** Scripts and Unix Shell scripts to perform back-end testing on the oracle database.
* Conducted Bug Review meetings by reviewing and discussing all defects by their business severity and worked actively development and business team to perform the root cause analysis in order to find the resolution.

**Environment:** XML, Quality Center, **CA LISA**, QTP, TOAD, JIRA, MS Office (MS Excel, MS Word, MS PowerPoint), MS Project

**Client: AllState, Chicago, ILApril 2012 to November 2013**

**Role: QA Analyst**

**Responsibilities:**

* Enhanced the scripts in QTP by applying checkpoints, parameterizations, synchronization point, and data driven tests and creating modular tests and Developed automation scripts in QTP/UFT to automate smoke and regression testing.
* Verified the bugs fixed by developers during each phase of testing such as and Black Box Testing.
* Identified and documented the defects in Quality Center.
* Tested and verified several reports generated by programs for accuracy and data integrity.
* Requirement study from Functional Leads, interacting with Process Owners, and development of flows of application and effectiveness of the proposed solutions.
* Developed automated scripts using QTP to perform functional and regression testing and executed data driven test scripts in QTP.
* Worked on both Expert view and Keyword view in QTP and Performed Integration Testing and Batch Testing in QTP.
* Inserted Check Points to Check for the broken Links, Text, and standard properties of an object using QTP.
* Did load testing using Load Runner and Performed backend testing on Oracle, executed various DDL and DML statement.
* Performed System Test, Unit Test, Functional Test and Regression Test using QTP.
* Used Rational for testing systems GUI, Functionality, Verifications and Validations.

**Environment:**  XML, SQL Server, Oracle, Load Runner,Quality Center, QTP/UFT, Windows.

**Client:State Street Bank, Providence, RI February 2011 to April 2012**

**Role: QA Tester**

**Responsibilities:**

* Implemented the SDLC for the development life cycle and followed the standards process in the application.
* Created performance test scripts using Load Runner to monitor response time and performance of the Data Load system.
* Analyzed the requirements and created the test plans and test cases**.**
* Load Runner was used to generate User script to simulate multiple client interactions and emulate the behavior of hundreds of real users between the browser and the web server.
* Customize Parameterization in DATA file using via Load Runner to test the application with different sets of data.
* Used various techniques like Ramp up, Ramp down, Transaction Point in Load Runner**.**
* Performed sanity and smoke testing on the application.
* Performed security testing manually to check whether the user gets required access privileges.
* Win Runner was used to perform functional testing process by capturing a business process into a script against the browser simulators.
* Data driven testing was used to play back tests against new versions of the application.
* Performed unit, integration, functional testing manually**.**
* Data- integrity testing and back-end testing was performed manually by creating and executing SQL statements.
* Conducted performance testing on the application using Load Runner.
* Conducted Regression testing on different versions of the application.
* Used Test Director to report and track defects**.**

**Environment:** Java, Load Runner, Test Director, Win Runner, Oracle, WebLogic, SOA, JUnit,Windows.

**Client:Himalayan Bank, Kathmandu, Nepal August 2009 to December 2010**

**Role: Jr. QA Tester**

**Responsibilities:**

* Implemented Acted as a liaison between stakeholders: financial system users, clients and managers who have a business problem, and software development team to gather requirements.
* Conducted meetings and interviews and JAD sessions with stakeholders to collect business requirements.
* Participated in transforming business requirements into system requirement specifications
* Created analysis model and data model and used those artifacts to develop the design model, class diagrams, collaboration and sequence diagrams and state chart diagrams.
* Created test scenarios and reviewed them with project team members.
* Created test cases for GUI validation and backend database validation.
* Used documentation in all aspect of content management and documentation
* Worked with the developers and the test lead to verify the Test Cases.
* Performed development integration, system integration, end to end and user acceptance testing for the data services.
* Tracked defects and measured the testing effort and the quality of the software by creating reports in MS word
* Submitted, modified and tracked change requests using MS Excel.

**Environment:**  HTML, Load Runner, Bugzilla, SQL, Windows, Oracle, XML,MS Excel, Java, Eclipse.