**Kishor Kumar Tamang**

kishorktamang@gmail.com

571-308-3170

**Professional Summary:**

* 6+ years of professional experience in Information Technology with extensive experience in performing Manual and Automation Testing in wide variety of projects and environment.
* Strong understanding of SDLC models and Testing Methodology.
* Expertise in understanding Business Requirement Specification, Functional Specifications and Design documentation and converting it into comprehensive Use Cases, Test Scenarios, Test Strategies, Test plan and Test Cases.
* Experienced in reviewing and analyzing business requirements and writing detailed test plans, scenarios and test cases.
* Excellent knowledge and working experience in writing Test execution, Bug Tracking and Test Summary Reports.
* Experienced in testing client server and web based applications using HP tools like QuickTest Professional (QTP), Quality center (QC)
* Experienced in different types of testing like Black-box testing, Functional testing, Regression testing, Back-end testing, System testing, Acceptance testing, Integration testing.
* Good knowledge in Testing Life Cycle, Automation Process, Creation of Automation Frame Work, Automation Deliverables, Business Process Testing using QTP and strong knowledge in Selenium
* Experience in developing end to end automation using Selenium, Web Driver/RC/IDE/Grid, Junit/Testing, JMeter, ANT, Maven, Hudson/Jenkins, Jbehave/Cucumber, Web Services (REST, SOAP).
* Experience in using Automation Tools such as QTP (HP), and Quality Center (HP). Expertise in testing web services using SOAPUI.
* Vastly experienced in analyzing business requirements and functional requirements specifications of an application.
* Experienced in working with Test Management tools like ALM and Quality Center.
* Experienced in using ALM/Quality Center as repository for maintaining test cases, execution and tracking the defects.
* Experienced in creating, executing tests, generating the test reports using ALM/Quality Center.
* Exposure to Automation Tools like Selenium, Cucumber and QTP.
* Experienced in performing backend testing by executing SQL queries and involving in Data Analysis by using SQL.
* Experienced in performing automating functional Test using QTP.
* Experienced in Creating Generic Function and User Define or Application Specific Function.
* Experienced in creating Environment Variable, Automation Object Model (AOM), and Dictionary Object Model
* Expert in Parameterize Data using Data Driven Table and also including Checkpoints in Scripts using QTP.
* Expert in System, Regression, Integration and UAT Testing using QTP.
* Experienced in writing Descriptive programming scripts using VBScript in QTP.
* Experienced in creating Data-driven and Keyword Driven Frameworks and Hybrid Framework for GUI, Regression and System integration automated testing.
* Experienced in creating Test Result; Analyze test result and reporting
* Excellent communication skills to interact with business users, business analysts, developers and the QA team.
* Fairly worked on Groovy script to customize test in SOAP UI.
* Proven analytical and problem-solving skills.
* Groovy Geb Spock frameworks.
* Ability to lead, motivate and coordinate team members to meet business expectations in a fast paced, dynamic environment.
* Good Project Management skills with training and communication skills.
* Experienced in interfacing with developers in resolving the defects investigated in the application during testing.
* Possess excellent oral and written communication skills and pleasing interpersonal skills

**TECHNICAL SKILLS:**

### 

|  |  |
| --- | --- |
| **Automation Tool** | QTP 9.2, Selenium IDE, Selenium Web Driver, Eclipse. Jbehave |
| **Bug Reporting Tools** | Quality Center 10.0,Bugzilla, , Jira, TFS (Team Foundation Server) |
| **RDBMS** | Oracle 10g/9i/8i/7.x, MS SQL Server 2008, UDB DB2 9.x, Sybase 12.5, Teradata V2R6, Mongo DB |
| **Operating Systems** | MS-DOS, UNIX, LINUX, Windows NT/Windows 2000, XP |
| **Application Software** | ORACLE, SQL Server, MS Office |
| **Web Development** | xml, HTML, Java Script |
| **Environment** | Unix, MS-DOS, Windows NT/2000/XP/2003/Vista, UNIX |

### Experience:

### PNC Bank, Cleveland OH Jan2016 – July 2017

**Automation Tester**

**Roles & Responsibilities:**

**Responsibilities:**

* Involved in developing test plans, designed test cases including detailed expected results.
* Involved in Test Case Preparation and Test Case Execution Manually.
* Experienced in test automation with many test tools, including QTP (Quick Test Pro), **RFT** (Rational Functional Tester) and RPT (Rational Performance Tester).
* Analyzed application to find out which part can be automated and which can be manually tested.
* Worked on generating **OTC,FX**, Fixed income derivatives volumes by total trade, incoming/outgoing payment items, number of new transactions
* Implemented HP ALM/Quality Center for Test Planning, Test Case writing, Test Execution and Requirement Mapping with Test Cases.
* Performed defect tracking and reporting using **Quality Center/ALM.**
* Wrote SQL verification scripts to test the result of deployment for correct business logic.
* Performed Back end testing using SQL Quires.
* Conducted **GU**I and **Black Box Testing** using **QTP** and interacted with developers to resolve issues.
* Documented a test-automation strategy and test plan to facilitate and maximize data-driven testing. Created and implemented **RFT** (Rational Functional Tester) test scripts in Java. Wrote and executed SQL queries to build appropriate data pools.
* Involved in creation of automation framework in Selenium **Web Driver** using behavior driven approach like **Jbehave**
* Involved with **Groovy** environment Manager used for developing the multiple version of the software development kit in the **UNIX** based.
* Worked on **Selenium IDE**, the integrated development environment for Selenium scripts using Firefox.
* Involved in Testing in Agile Development Environment using **TDD** and ATDD approach
* Used Quick Test Professional for automating manual test cases for regression testing and for storing, execution of test cases and reporting results.
* Used Checkpoints, Parameterization and Data Driven Test Scripts in **QTP.**
* Designed and developed User defined functions, Generic functions with well versed VB scripting, Descriptive programming in scripting dynamic objects and Reusable actions in defining scenario flows in QTP.
* Proficient creating automation script using Java, SQL and **Rational Functional Tester**.
* Created and executed Automated Test Scripts in QTP using **Business Process Testing (BPT)** concept, and Key word driven Framework.
* Proficient in **Agile** development and Scrum methodology.
* Created user defined functions in Java and implemented the functionality with Selenium.
* Determined the Entry and Exit Criteria for different phases in testing cycle of the system.
* Performed **User Acceptance Testing (UAT**) on behalf of End Users at client’s environment.
* Followed up with the development team as they fix the bug.
* Acted as test plan approver for offshore counterpart.
* Participated in QA team meeting and bug tracking meetings.
* Documented the test results and test procedures.
* Worked with the business, technology and operations to determine priorities and schedule of releases.
* Performed Web Services testing and Validated XML request/response data using **SOAPUI.**
* Worked closely with the development team while enhancing the features of the application.
* Reported weekly status to management.

**Environment :**  ALM/Quality Center, QTP, Windows, Agile, Mainframes, COBOL, JCL, EDI, BizTalk, ETL, Data Warehouse, Rational Clear Quest, Rational Quality Manager, RFT, MS Office and MS Visio.

### ADP, Boston MA Aug 2015 to Dec2016

### QA Automation Tester

**Responsibilities:**

* Developed the Test Plan, Test Cases and Test Strategy for the project.
* Checked the data validity for various applications, tracking software and specification defects and resolution using  Quality Center, documenting all phases of **QA** life cycle, analyze functional requirements, mapping documents.
* Tracked bugs using Quality Center and performed Regression Testing of the entire application once the bugs are fixed.
* Conducted Load testing using **SOAPUI tool.**
* Developed and executed SQL and UNIX scripts for validating Business Rules and verifying the accuracy of data.
* Involved in Sprint automation tasks using **Selenium Web Driver** and Java. Developed scripts using Selenium to do the cross browser web testing.
* Used **SQL & PL/SQL** for data validation as part of Oracle Database Testing.
* Worked with QTP to create, manage and execute Test Sets.
* Maintained **QTP Test** Libraries and executed Test Plans.
* Automated the regression test cases using the **Selenium & TestNG.**
* Developed manual Test Script and converted to automated script using Quick Test Professional **(QTP).**
* Performed Automation with expert use of Quick Test Pro **(QTP).**
* Executed written test case scenarios, including manual, automated, and data-driven, and **GUI** verification by using Quick Test Professional **(QTP).**
* Identified the defects through QTP and ensured that business processes deliver the expected results and remain reliable throughout the production release.
* Designed and developed automated test scripts using **VBScript.**
* Performed system tests and executing the test scripts using QTP.
* Developed Shared object repository in **QTP**.
* Created dynamic & efficient **QTP** Automation Framework.
* Conducted sanity testing of the application based on user requirements.
* Coordinated meetings with the development teams for appropriate handling of the bugs and their timely resolution.
* Communicated with application developers, project managers and other team members on application testing status on an ongoing basis when necessary.
* Closely worked with offshore teams with different time zones.
* Reported **Regression Test** Status to clients.
* Reviewed computer logs and reported to identify application processing errors and possible improvements.
* Planned, implemented and followed software development process quality standards, methods and procedures.
* Performed risk identification and mitigation activities, escalating unresolved issues to the executive and steering committee where appropriate to secure their timely decisions and support.
* Interacted with the team members and participated in review meeting with developers and business analysts for understanding the requirements.

**Environment:** Quality Center, Agile, Oracle, SQL, Toad, MS Access, MS VISIO, MS office, MS word, MS excel, Oracle CRM, Share Point, Java, QTP, MQC, Business Object Reports.

**Premier healthcare alliance, Charlotte, NC Oct 2013 – July 2015**

**QA Engineer**

**Responsibilities:**

* Involved in developing Test Cases from business requirements.
* Analyzed requirement documents to develop and executed Test scripts and documented Test Cases corresponding to business rules.
* Performed Test Case management and defect management using Test Director.
* Logged bugs in the Test Director tracking tool.
* Experience in testing Web Services through XML.
* Used SQL Navigator to write queries and test the database.
* Extensively used **SQL** to perform Data Integrity Testing.
* Extensively used VB Scripts to write scripts for testing certain functionalities in the unit.
* Performed testing extensively on the unit using **QTP.**
* Inserted verification checkpoints, synchronization points, and parameterized data using QTP.
* Work with Search team members on automation efforts using Selenium RC
* Performed Web Services testing and Validated XML request/response data using **SOAPUI.**
* Conducted Load testing using **SOAPUI tool.**
* Developed Automated **Test Scripts** for Functional Testing using **QTP.**
* Closely worked with off shore teams with different time zones.
* Performed testing for broken links and tested functionality on cross browsers.
* Identified numerous user interface and Functionality defects and caveats in the Functional Requirements that were addressed prior to **User Acceptance Testing** (UAT).
* Participated in weekly meeting with QA, developers, analysts and management team.
* Participated in bug review meetings on behalf of the QA team.
* Assigned web based system testing which included all of the functionality of existing mainframe system delivers today plus enhanced vital functionality. Involved in conduct work product reviews to ensure requirement and quality adherence.
* Designed and applied new methods and procedures.
* Developed project plans with milestones.
* Coordinated all meetings and interface with business units, staff and service providers.
* Scheduled meetings with developers, system analyst and testers to collaborate resource allocation and project completion using MS Project.
* Communicated with business users to identify required data to be extracted from the back end systems.
* Conducted **JAD** (Joint application design) sessions with management, SME, vendors and other stakeholders for open, pending and critical issues.

**Environment:** UNIX, Win NT, Oracle, SQL, Java, HTML, Quality Center, Quick Test Professional, Selenium, XML/HTML.

**Thompson Reuter, Pune, India Aug2011 – Sept 2013**

**DWH/Backend Tester**

**Roles & Responsibilities:**

* Participated in business requirement walk through, design walk through and analyzed Business requirements.
* Involved in developing detailed test plan, test cases and test scripts using Test Director for Functional and Regression Testing.
* Involved in different types of testing: Functional testing, Regression testing, Build Verification Testing, Acceptance Testing, GUI Testing, sanity check, Validation Testing, Database Testing and Integration Testing.
* Involved in Data mapping specifications to create and execute detailed system test plans. The data mapping specifies what data will be extracted from an internal data warehouse, transformed and sent to an external entity.
* Created Test plan, Test Design, Test scripts and responsible for implementation of Test cases as Manual test scripts.
* Tested reports by querying the database using SQL.
* Reviewed system use cases and functional specs with business and System Analysts.
* Tested the ETL process for both before data validation and after data validation process. Tested the messages published by ETL tool and data loaded into various databases
* Experience in creating UNIX scripts for file transfer and file manipulation.
* Involved in testing the UI applications.
* Used Quality Center to track and report system defects.
* Involved in testing the XML files and checked whether data is parsed and loaded to staging tables.
* Involved in Functionality testing of UI applications.
* Developed test scripts for the regression testing and executed them in QC 8.2.
* Analyzing the test reports generated by QTP test scripts. Present test results to developers and management on daily/weekly basis.
* Written test cases and completed integration test documentation.

**Environment:** DB2, SQL, Teradata, Oracle 8i/9i, DB2, SQL Server 2000, Mainframe, SunOS 5.8, ERWIN, Windows XP, QC 8.2, QTP