**Kishor Kumar Tamang**

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**Objective**

I am seeking a challenging opportunity in the field of Quality Assurance Analyst to utilize my analytical skills in changing business requirements into the software application development process for an organization in the most efficient manner. I prefer working as team player and motivated working in fast paced team oriented business environments to flourish the dynamics of business organizations by achieving its mission, vision and objectives with best solution in business which would increase its productivity.

**Professional Experience Summary**

* Over 6+ years of experience in Information Technology, with specializing in **Software Quality Assurance Testing,** proficient in testing on **Client/Server** and **Web based applications.**
* Extensive working experience on all phases of **Software Development Life Cycle (SDLC),** its methodologies and process.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as **Selenium RC/WebDriver/IDE/Grid, HP Quick Test Professional and Junit/TestNG**, **Cucumber,** Load Runner, **Quality Center**, **Jmeter, JIRA** and **SOAP UI.**
* Experienced in making **Data Driven and MVC Framework to maintain Test Suites.**
* Good experience in using **Java, Junit** and **TestNG** test framework to write functional test.
* Expertise in Selenium automation using **Selenium** **WebDriver, Selenium Grid, JAVA, JUnit & Maven**
* Excellent experience of build tools like **Maven** and managing **JAVA automation** projects using them
* Working knowledge in **Selenium 2.0 Web driver** automation testing tool, experienced in **Selenium RC**, **Selenium Core**, **Selenium IDE** Automated Testing tool with **JAVA** and **HTML** formats, experienced in using Selenium with **TestNG** test framework on Eclipse
* Proficient in using **SOAP UI** for testingWebServices andused various types ofassertions such as **SOAP fault, Contains, Soap not fault, X-Path etc.**
* Experienced using **Web-debugging** tool like **Firepath and Firebug** for finding elements locator.
* Strong experience in development and execution of **Test Plans** complete with test criteria **test Strategy**, test case documents, **Requirement Traceability Matrix** and Scheduling System testing.
* Expertise in **Smoke Testing**, **Backed end Testing,** **Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Boundary Value Testing.**
* Proficient in using Mercury’s Test Management tool **Jira, Bugzilla** and **Quality Center** for Requirements Management, Test case Management and execution, Defect Tracking and Reporting.
* Good programming skills in **Java, C, C++, Python, VB, Oracle, SQL**, and **PL/SQL** and experience in SQL Server, Access and Oracle Databases.
* Extensive experience in all MS office and **Project Portfolio Management (PPM)**, MS Windows operating systems, designing and implementing web-enabled and enterprise client/server applications with various software tools in various architectures.
* Excellent experience with **source version control tools** such as **Subversion (SVN) & Git.**
* Expertise in **back end testing** and **writing SQL queries, Joins, Procedures** using Oracle and **SQL Server.**
* Experience in both **Waterfall** (**Software Development Life Cycle -SDLC) and Agile Project Environment.**
* Ability to take initiative, prioritize and work independently to meet deadlines.
* Ability to adapt to new environment quickly, **strong team player, good communication, good analytical and computation skills, enthusiastic learner, confident**, sincere and committed.

**Technical Proficiency**

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| **Testing Tools** | Selenium IDE/RC/GRID/WebDriver, QTP, SOAP UI, Cucumber, Jbehave. |
| **Languages** | PL/SQL, SQL, VB, HTML, XML, VB Script, JavaScript |
| **IDE** | Eclipse, SQL Developer, TOAD |
| **Test Framework** | JUnit, TestNG, Data Driven Framework, MVC |
| **Web Debugging Tool** | Xpath, Firepath, Firebug, Webdebugger |
| **Build Tool** | Ant, Maven |
| **Continuous Integration Tools** | Jenkins, Hudson |
| **Methodologies** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | JIRA, Quality Center (QC), Bugzilla & IBM Rational Team Concert (RTC) |
| **Browsers** | Mozilla Firefox, Internet Explorer, Safari, Google Chrome, Opera |
| **Source Version Control Tool** | Subversion (SVN), Git |
| **Application** | Microsoft Office, Excel, PowerPoint, Outlook, IBM Lotus Note. |
| **Some Other Tools** | JMeter, JDBC |
| **Project Management Tool** | PPM , Clarity PPM |
| **Databases** | SQL Server, Oracle, My SQL, Access, DB2 |
| **Operating Systems** | UNIX, Windows 2003, Windows - 7, Vista, XP. |

**PROFESSIONAL EXPERIENCE:**

**Foot Lockers, New work, Ny Oct 2016- June 2017 QA Analyst**

The project was on a Point-of-Sale (POS) application developed for Foot Lockers, which had a feature-rich POS system that supported Java POS technology, the industry standard for retail peripherals. The project also covered an Order Management System (E-Commerce App) that was part of the [supply chain](http://en.wikipedia.org/wiki/Supply_chain) and Data Warehouse Inventory System which plans, implements and controlled the efficient, effective forward and reverse flow and storage of goods, services and related information between the point of origin and the point of consumption in order to meet customers' requirements.

**Responsibilities:**

* Analyzed the user requirements, functional specifications and Use Case documents and created the Test Plans, Test cases for Functional, integration, end-to-end, Usability, Security and smoke testing.
* Modifying Automation scripts when developers change the code in **Agile Methodology**.
* Used automated scripts and performed functionality testing during the various phases of the application development using **Selenium WebDriver**.
* Exported Test case Scripts **(Java-Selenium WebDriver)** in **Eclipse IDE** and modified the **Selenium** scripts and executed.
* Involved in development of Hybrid Test Framework using **Selenium WebDriver** and **TestNG.**
* Used **TestNG** to run the tests and generate the reports.
* Used **Selenium WebDriver** and **TestNG** to run the parallel testing.
* Developed **Maven** targets to execute automation suites from command line.
* Developed **Maven** Build scripts to run Sanity Test scripts developed in **Selenium WebDriver.**
* Configured the test suite to **Jenkins** to make it run on every successful deployment, which helped reduce the feedback loop time to the developers
* Integrated Automation scripts (Selenium WebDriver API) in **Continuous Integration tools (Jenkins) for** nightly batch run of the Script.
* Used **Cucumber** for browser based testing with scenarios and situations.
* Created Automation test framework using **Selenium WebDriver** and **Python.**
* Created report generation scripts to generate various reports from **test automation.**
* Successfully Completed **User Acceptance Testing (UAT)** on each release of the project with the help of end user requirements.
* Performed Coded UI automation testing for the application using **Microsoft Test Manager.**
* Run tests by using **Selenium Web Driver** in different browsers.
* Performed Data Driven Tests to validate the same scenario with different test data using **Selenium**. Optimized and maintained existing developed new **automation framework** via Selenium.
* Designed and developed test structure for web services to validate API calls using **SOAP UI**.
* Involved in Web Services Testing using **SOAP UI.**
* Performed the load testing using **JMeter** to identify bottleneck in server performance and reliability.
* Analyzed the **Jmet**er reports for Response Time, Throughput, screen transition, session time, transaction time, task execution time.
* Used **Github** for creating the code repositories, cloning and syncing of the repositories.
* Wrote **SQL Queries** to test the application for data integrity and verified the contents of the data table.
* Developed **UNIX Shell scripts** to execute different **SQL (tm)** to test the sanctity and integrity of the tables.
* Analyzed modules and designed test scenarios and test scripts in **UNIX** environment.
* Involved in weekly walkthroughs and inspection meetings.

**Environment:** Java, Selenium WebDriver, Jenkins, TestNG, Maven, SOAP UI, Quality Center, Eclipse, XPath, Jmeter, HTML, CSS, XML, JavaScript, Python, agile, Github, SQL, Oracle and Window.

**Publix Super Markets, Inc, Lakeland, FL June 2015- Sept 2016**

**QA Analyst**

This was a Supply Chain-Enable Store Replenishment project which project deals with implementation of Networks Demand and Networks Fulfillment modules of Manugistics Supply Chain planning and Optimization Suite (SCPO). These Modules along with a number of customer interfaces are configured and developed to perform store forecasting and replenishment. This project was enabled for limited scope (1-12 Stores and 500-1000 sku’s), automated Store Replenishment was piloted for increasing Publixs’ understanding of Store Replenishment and automated Replenishment capabilities.

**Responsibilities:**

* Worked closely with business analyst from various business areas to gather business and user requirements.
* Implemented automation using **Selenium WebDriver, JAVA, Cucumber** and **Ant.**
* Extensively automated regression and functional test suites by developing over 237 test cases, 6 test suites using **Selenium WebDriver, JAVA and Junit.**
* Extensively involved in writing and testing the test cases using **Junit.**
* Extensively involved in identifying test cases to automate. Automate those test cases using **Selenium WebDriver,** **Junit** and **Java (Eclipse IDE).**
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium WebDriver.**
* Converted QTP scripts into Selenium scripts. Used Java as Language and **Eclipse as IDE**, **ANT** as build tool, Jenkins as CI tools.
* Involved in the Continuous Integration of the automation framework with **Jenkins.**
* Worked on **Selenium** GUI Object / element verification is done through **XPath, CSS** Locators.
* Contributed in Test Planning, writing Test Scenarios, and other various quality-tracking docs.
* Used **Selenium** **WebDriver** **API** to automate tests on **cross browser** and **cross platform** environment.
* Regression test cases were written and automated using **Selenium WebDriver.**
* Updated Requirement Traceability Matrix for additional requirements that were brought to scope for each iteration.
* Written **shell scripts** and **Python scripts** for performing Load tests on applications.
* Responsible for Setting up Web Services project using WSDL in **SOAP UI** and provided setup help to other team members.
* Performed functional testing of **SOAP** and RESTFULL Web Services using **SOAP UI** Involved in Test execution involving System Testing, System Integration testing, Regression Testing, Smoke Testing and many more.
* Developed test scripts for web services using **SOAP UI** and worked with **XPATH.**
* Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
* Used **Quality Center** for bug-reporting, tracking and to create and execute various scenarios, generate graphs, overlaid graphs for comparison, and analyzed the results.
* Worked with source version control tool such as Subversion (**SVN**).
* Performed Backend Testing of the application by writing **SQL** queries.
* Interacted with DBA's, developers, systems engineers and network engineers during testing and isolated bottlenecks at different levels.
* Responsible in providing regular test and defect status reports to the QA manager.

**Environment:** Java, Selenium WebDriver, Python, Cucumber, Jenkins, Ant, Junit, SOAP UI, XPath, Eclipse, Quality Center, SVN, SQL, Oracle and Windows.

**Caterpillar Inc, Peoria, IL Dec 2013 – May 2015**

**QA Tester**

Caterpillar Inc is the largest manufacturer of Earth Moving equipments. The project involved design, development and testing of for PeopleSoft Financials 8.9 application. The different modules implemented were PeopleSoft Supply Chain Portal Pack, General Ledger, Account Payables, Purchasing and Inventory modules were implemented

**Responsibilities:**

* **Analyzed** business requirements, **documented** business requirements specifications, wrote **Test Plans**, **Test Cases**.
* Worked with development team to understand **technical design** and **architecture** for test planning.
* Regression test cases were written and automated using **Selenium RC** and **Selenium IDE.**
* Created and enhanced numerous test scripts to handle changes in the objects, in the tested application’s GUI and in the testing environment using **Selenium RC.**
* Created whole test framework using **Selenium RC** for further test creation and execution.
* Prepared **traceability matrix** to ensure the adequate coverage of the test cases.
* **Updated Test Plans** and **Test Cases** periodically to manage changes in requirements.
* Involved in **ANT** configuration for running servers and scripts after the build**.**
* Designed a robust **automation framework** by creating reusable test scripts using **Selenium RC.**
* Created automated test scripts for Functionality, Integration and Regression testing using **Selenium RC.**
* Used **Firebug** to identify Objects’ ids, Name, XPath, etc., links in the application.
* Uploaded test cases executed test cases and logged defects in Mercury **Quality Center.**
* Maintained **Traceability Matrix** to track the requirements to the test cases to ensure complete test coverage in the **Quality Center**.
* Worked with **source version control** tool such as **Subversion (SVN) & Git.**
* Created **SQL views to aggregate data** before moving to targeted database from legacy database to simulate results.
* Worked extensively with business users to define scope and prepared ‘Documents of Understanding’ for various **change requests** by analyzing the feedback from user groups.
* Actively participated in **status reporting meetings** and interacted with development to discuss the technical issues.
* Regularly communicated with project managers, development managers, release managers and developers to ensure comprehensive **test planning** and **execution.**

**Environment:** Java, Selenium RC/IDE, Junit, Ant, HTML, CSS, Firebug, XPath, GIT, SVN, Internet Explorer, Chrome, Mozilla Firefox, Windows.

**State Department Federal Credit Union, Alexandria, VA July 2011- Nov 2013**

**QA Analyst**

**Project:** Worked as a QA tester in the Credit Servicing Team. MPCA was a system designed for servicing various flavors of Mortgage/Personal Loans/Credit Card/Auto Loans. It was integrated with the members Checking accounts.

**Responsibilities:**

* Generated and analyze data from companywide software to identify compliance risk to the company as well as identify company trends.
* Analyzed system requirement and functional requirement documents.
* Understanding the Project Related Documents.
* Developed Automation scripts for new enhancements using **Selenium RC.**
* Used **Selenium RC** for testing different browsers, **Selenium Grid** for checking instance of server and **Selenium IDE** for record and play back.
* Created an automation framework for the company web site with **Junit, Selenium RC and Java**.
* Interacted and coordinated with customer groups, Business analyst and technical stop involved in the testing process.
* Prepared **Test Plan and Test Cases** based on the User story/Business requirements.
* Conducted **User Acceptance Test (UAT)** with users and customers and wrote issues log based on outcome of **UAT.**
* Participated in Requirement review meetings and analyzed the Business Requirements.
* Developed **Test cases** based on requirements and the use cases provided.
* Prepared Test Cases based on functional requirements using **Mercury Quality Center**.
* Reported the defects using the tool **Mercury Quality Center**.
* Mapped Requirements to Test Cases for Requirements **Traceability Matrix.**
* Manually executed the test cases for positive and negative scenarios.
* Created **SQL scripts** to verify the integrity of the database.
* Generated daily, weekly, and monthly reports and data presentations.
* Conduct an audit on each exam performed to ensure all required documentation is accurately entered and processed in companywide software.

**Environment:** Java,Selenium RC/IDE,Junit,Quality Center, HTML, CSS, Oracle, SQL, Windows XP, and UNIX.

**Education:** Master’s in Software Engineering, Stratford University, VA

Bachelor’s in Computer Engineering, Lalitpur, Nepal