**Kumar Jatin**

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**Professional Summary:**

* 7+ years of experience working as QA Engineer for Software Development and Testing life Cycle including preparation of Test Strategies, Test Plans, Test Cases, Test summary reports for both Web and Client-Server Applications.
* Expert in **Testing Life Cycle (TLC):** Including **Risk Analysis, Planning Process, Test Design, Performing Test**, Defect Tracking, Management and Test Reporting.
* Experience 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**, **Quality Center**, **ANT/Maven**, **Jbehave/Cucumber, Jenkins/Hudson, JIRA**, **SOAP UI** and Version One.
* Experience with **Agile Scrum** and **Waterfall and TDD (Test Driven Development)** methodology.
* Experience in designing **Automation test framework** by following **Model, View and Controller** approach.
* Sound knowledge on **Junit**, **TestNG** framework for **Unit testing**, **Maven** and **Ant** for Project **building tool**, **Jenkins/Hudson** for **Continuous Integration**.
* Expert in integrating Automation scripts (Selenium WebDriver API) on **Continuous Integration tools Hudson/Jenkins for** nightly batch run of the Script.
* Experience in Business Functionality Testing, User Interface testing, Unit testing, Integration Testing, Black Box Testing, End-to-end Testing, **Manual Testing**, **UAT Testing**, **Regression Testing**, **Performance Testing**, **documentation and Reporting**.
* Good experience in **Web Services** testing using **SOAP UI, XML, & WSDL.** Providing required input data to request XML & get the required data from response **XML** & use the response data from other request **XML** using **SOAP UI.**
* Experience in preparing **Test Plan, Test Strategy, Test Cases, Test Scenarios**, Test Data, and Test Execution.
* Expertise in documenting defects with high level of detail, accuracy, and informative recreation steps using **Quality Center**, **JIRA**, IBM **Clear Quest, BugZilla etc.**
* Good programming skills in **Java, VB, Oracle, SQL, and PL/SQL** and experience in **SQL Server, Access** and **Oracle Databases.**
* Professional experience in designing Test Cases and Test Scripts for Windows, Mac, Java, **Oracle** and **UNIX** environments.
* Experience in using **Quality Center** to manage **defect lifecycle** for the various test efforts, review and analyze the results & utilized its reporting feature to generate detailed defect report.
* Expertise in **analyzing the results** and **reporting suggestions** and **defects**.
* Experience with Visual Source Safe and **Microsoft Office** tools (Ms-Word, PowerPoint, Excel and Access).
* Proficient in testing **database** of applications developed with **SQL Server**, Oracle and MS Access.
* Strong verbal & written communication skills with the ability to effectively communicate with peers and non-technical personnel.
* Ability to adapt to a dynamic work environment. A proactive team player with proven interpersonal and coordination skills.
* Excellent interpersonal skills, proven team player with an analytical bent to problem solving and delivering under high stress environment.

**Technical Skills:**

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| **Functional Test Automation Tools** | Selenium IDE/RC/WebDriver/Grid, Quick Test Pro, Data driven concepts, Automation framework, Soap UI, Jbehave, Cucumber. |
| **Programming Languages** | JAVA, VBScript, PL/SQL, Ruby, Python, Perl. |
| **Project/Test Management Tools** | HP Quality Center, Trac, Jira, BugZilla, Version One. |
| **Test Framework** | Junit, TestNG. |
| **Web Debugging Tool** | Firebug, Firepath. |
| **IDE** | Eclipse. |
| **Build Tool** | Ant, Maven. |
| **Continuous Integration Tools** | Jenkins, Hudson. |
| **Databases** | Oracle, DB2, SQL Server, MS Access. |
| **Operating Systems** | Linux, Windows, Mac, Android, UNIX. |

**Professional Experiences:**

**Client:** **Alcon Pharmaceuticals, Fort Worth, TX. Jul 14 – Till Date**

**Role: QA Automation Engineer**

**Responsibilities:**

* Responsible for analyzing business, functional and IT requirement documents and prepare complete Test Plans including system test plan, integration test plan, QA project plans and resource planning and allocation.
* Developed and implemented **robust MVC pattern** base testing with **Selenium WebDriver** which cut down the script development time in half.
* Performed Data driven testing using **Selenium WebDriver**, **TestNG** functions and JDBC Connections which reads data from scripts using property and **XML** files.
* Involved in design and implementation of **Selenium WebDriver** automation framework for smoke and regression test suites (**TestNG** and **Maven**).
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Involved in creation of automation framework in **Selenium WebDriver** using behavior driven approach like **Cucumber**. Parameterized test cases using different annotations.
* Identified automation requirements & design automation framework, scripts in **Selenium** (WebDriver) integration with **Jenkins/CI**, code reviews, and scripts execution thru **Grid** (hub/nodes) on remote clients.
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Used **Soap UI** tool to located the WSDL file on the internet, create test cases, and execute test cases as well as performing load testing.
* Involved in **Data Driven** Testing using **JDBC Connection** and validated services using assertion in **SOAP UI.**
* Proficient in using **Test Management Tools Test Director, Quality Center, Rational Test Manager** for Test Planning, Requirement Management, Defect tracking and Reporting.
* Developed and executed **SQL queries** to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
* Implemented open source web test tool **Selenium WebDriver** for **cross browser** and cross platform web testing.
* Documented Business requirements in Requirements grid for **Quality Center.**
* Worked on **Quality Center** (Test Management software) for requirements management, planning, scheduling, running tests, defect tracking, manage the defects and executing the test cases.
* Performed Regression testing on new builds, every modification in the application using Selenium Web driver.
* Presented progress of the testing process at walkthroughs and inspections.
* Worked with Developers, Business analysts and Project managers to determine requirements (H/W specs, Test Cases, Test Data).

**Environment:** Java**,** Selenium WebDriver, TestNG, Maven, Eclipse, Jenkins, Cucumber, SOAP UI, WSDL, XML, XPath, Quality Center, JDBC, SQL, T-SQL, Oracle, MSWord, MS Excel, Windows.

**Client:** **Zyno Medical, Natick,** **MA. Oct 13 – Jun 14**

**Role: QA Automation Engineer**

**Responsibilities:**

* Reviewed the Business/ Functional/ System Requirement Specs, High Level Design Documents, and Detailed Design Documents.
* Verified that the Software Release met the **Product Requirements** and **Functional Design Specifications** for a client.
* Created Master **Test plan, Test strategy, critical scenarios** and **Test Scripts** and schedule for testing.
* Extensively used Selenium IDE to record, playback and debug individual test cases, using **Selenium WebDriver** provided more flexibility in automating test cases.
* Involved in developing test automation framework using **Selenium WebDriver** and writing code in Java, using **Junit** annotations.
* Wrote **Ant build scripts** to automate the compilation and execution of **Junit test cases/suites** for Lens Measurement screen, Lens Type Screen, Aftercare screen and two eye replication screens.
* Worked on **White-Box** server-side System level test cases using **Junit.**
* Created and maintained smoke/functional/regression scripts for web-based application using **Selenium IDE, Java, Junit** and **T-SQL.**
* Used **Ant** for building the **Selenium WebDriver** project. Integrated with Continuous Integration tools **Jenkins** for running test on nightly basis automatically.
* Responsible for creating and maintaining automation acceptance test suite using **Selenium** **WebDriver** and **Cucumber** framework.
* Monitored the test execution in **Jenkins** once the code pushed into Continuous Integration.
* Designed scenarios in **JMeter** to perform Load and Stress tests and to analyze results.
* Created automation scripts in **SOAP UI** using Groovy Script for web services testing.
* Performed web services testing on **XML Schema. WSDL** using **SOAP UI** and validated them in **SOAP UI** and in the **Back-end Databases**.
* Developed Integration and System test cases using Quality Center.
* Written, executed Test cases, and documented defects in the Quality Center.
* Performed Back end testing by writing **SQL statements like Join, Inner Joins, and Outer joins** and Self Joins used **TOAD and SQL Developer**.
* Managed software defect information, interacted with Business users to fix severity and priority of issues.
* Attended **Daily Scrum Meetings** and participated in weekly project status meeting and updated the testing Progress.

**Environment:** Java**,** Selenium IDE/WebDriver, Junit, ANT, Jmeter, Jenkins, Eclipse, Cucumber, Soap UI, XML, XPath, WSDL, Oracle, MSWord, MS Excel, SQL, T-SQL, TOAD, Quality Center, Windows.

**Client: Grand Bank of Texas, TX. Jan 13 – Sep 13**

**Role: QA Automation Engineer**

**Responsibilities:**

* Involved in the development of **Test plan**, Scenarios and **Test scripts** for **manual, automation** and **performance testing** of the various applications.
* Interacted with Business Analysts on regular basis to understand the **Business Requirements.**
* Designed High Level Test Cases or Scenarios that map back to High Level **Requirements and Use Cases**.
* Develop scripts for all manual Test cases using **Junit.**
* Exported HTML Test case to Test Suite and then run on other browsers using **Selenium RC.**
* Involved in performing cross-browser testing using **Selenium RC.**
* Defect testing and exploratory testing/**Ad-hoc testing** was performed after each build.
* Performed UI testing, Database testing after reviewing the story cards and database diagram.
* Performed Web Services testing and Validated XML request/response data using SOAP UI.
* Tested **SOAP-based Web Services** for enrolling customers, getting insurance information, creating claims.
* Performed **Regression Testing** of different modules automated in **SOAP UI**.
* Provided back end testing for **data validation using SQL.**
* Performed Back-End Testing, database table manipulations of relational database systems by writing complex SQL queries manually.
* Reported the Coverage status of test performed on the daily/weekly basis.

**Environment:** Selenium RC**,** Java, Junit, Quality Center, XPath, SQL, Ant, Soap UI, Eclipse, Firefox, IE, Chrome, Windows XP.

**Client: Quintiles, Raleigh, NC. Nov 11 – Dec 12**

**Role: QA Engineer**

**Responsibilities:**

* Analyzed System or Business requirements and identified the Test scenarios based on requirements and involved in preparation of Templates for Test cases.
* Involved in the creation of the Test plan, Test Strategy and Test Cases as per requirements.
* Created Test cases, Test suites using **Junit and Selenium RC**.
* Worked on agile environment and comfortable with the agile process.
* Reviewed and analyzed Business **Requirements and Functional design documents**, and derived Test cases from them.
* Created and maintained smoke/functional/regression scripts for web-based application using Selenium IDE/RC, Java, Junit and T-SQL;
* Extensively involved in writing the Test cases and Test scripts to perform **Manual and Automation testing.**
* Involved in **UAT testing and interacted with the client.**
* Used **Rational Clear quest** for Bug reporting, Tracking and defect Management.
* Created detailed **QA and UAT cases** to validate the quality of the application.
* Prepared **UAT test strategy documents, UAT test case.**
* Performed and documented Acceptance criteria Tests.
* **Created Test Scripts, Test Cases and Test Data** in accordance with Software requirement specifications.
* Used SQL Queries to retrieve the data from various Tables and to test the database.
* Tested modules developed using spring and Hibernate for transaction handling.

**Environment:** Java, Selenium RC, Web Services, Junit, Stream base, ClearQuest, Clear Case, Eclipse, SQL, T-SQL, Oracle.

**Company: CMC, India. May 09 – Oct 11**

**Role: QA Analyst.**

**Responsibilities:**

* Analyzed system requirements, developed & executed detailed Test plan, Test cases, Test scripts for testing the functionality, GUI, security, and usability of the Join Process, Ordering Process and Member Area, which includes Member’s Personal Information, and Processing Order Information.
* Prepared test data for functional testing as documented in the test plan.
* Executed test cases manually. Compared and analyzed actual with expected results and reported all deviations to the appropriate individual(s) for resolution.
* Involved in compatibility testing with other software programs, hardware, operating systems and network environments.
* Performed the Back-End integration testing to ensure data consistency on front-end by writing and executing SQL queries on the Oracle database.
* Conducted Interface and Regression Testing manually during the various phases of the development.
* Used Quality Center,defect tracking tool to report application defects and enhancements request and discussed with developers to resolve technical issues.

**Environment**: Manual testing**,** Quality Center,HTML, Java, JSP, EJB, Visio, XML, Oracle and Windows.

**Company: InterraIT, India. Mar 08 – Apr 09**

**Role: QA Tester**

**Responsibilities:**

* **Analyzed the Business Requirements Specification**, System Requirements Specification and User Interface Specification documents.
* Developed Test Plans, Test scenarios, Test Cases.
* Involved in setting up different configuration environment for compatibility testing and **manual testing.**
* Performed ad-hoc, Functional, Regression, Integration and Compatibility Testing of Web-based Application.
* Responsible for updating and maintaining the Quality Center for all the defects found during functional and regression testing and follow up of the bug life cycle.
* Carried out extensive Backend Testing to ensure proper backup and restoring of data by Writing SQL queries using Management Studio Tool.
* Maintained Test Logs and Test Summary Reports.

**Environment**: Java, Manual testing, Quality Center, SQL, Windows.