**Bikash Gurung,**

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**Professional Summary:**

* Over 7 years of extensive experience in **Analyzing**, **Designing** and **Implementation** of **QA Testing** strategy for **Web based** and **Client/Server** applicationsusing **Manual testing** and **Automation testing** on **Windows, UNIX** platforms.
* Proficient knowledge in various stages of Software Development Life Cycle (**SDLC**), implementing software using **Waterfall**, **V-Model,** and **Agile, Iteration, Scrum** methodologies.
* Expertise in automating the software testing environment with open-source tools like **Selenium RC/WebDriver, Selenium Grid,** and **Firebug**.
* Experienced in designing **TestNG** test case and test suite for testing web application, also worked on Selenium **Web Driver/RC/IDE** automation tools.
* Solid expertise in automated testing tools suite – **Selenium Web Driver** and good exposure on tools like **Eclipse, JIRA, BugZilla, Jenkins/Hudson, Soap UI, Cucumber/Jbehave, HP Quality Center, Microsoft Team Foundation Server (TFS), Microsoft Test Manager (MTM), Test Link** etc.
* Experience inSelenium test scripts using data driven, keyboard driven and hybrid framework.
* Create complete solution for continuous integration tool such as **Jenkins**/Hudson from code checkout from GitHub to regression report generation.
* Strong knowledge in testing process with emphasis in White Box Testing Techniques using **TestNG and Junit** frameworks and Restful web services.
* 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
* Possess expert level of understanding of WSDL, XSD, Schema, DTD, XML documents for Web Services Testing.
* Experience in **Unit Testing** using **JUnit4** and **TestNG.** Experience in **Web Service** testing (SOAP) using **SoapUI** .
* Expertise in debugging issues occurred in front end part of web-based application which is developed using HTML, CSS and Java.
* Proficient in using **SoapUI** for testingWebServices andused various types ofassertions such as **soap fault, Contains, Soap not fault, X-path etc.**
* Proficient in **web services** standards and paradigms such as **SOAP, WSDL, Web Methods and XML**.
* Experienced working with Service Oriented Architecture (SOA), Software development life cycle (SDLC) and agile / Scrum development environment.
* Experienced with **STLC, Bug Life Cycle** and QA processes such as preparation and maintenance of **Test Plans** and **Test Cases and** enhancement to **Test Scripts** for Automation Testing and Manual Testing.
* Experience in performing **Black Box testing** for dynamic data validation in User interface validation and also Performing **White Box** testing to check the logic of functions, methods, boundary values, loops and If-conditions.
* Experienced with various types of testing like GUI testing, Web testing, Regression testing, User Acceptance Testing, Functional Testing, System Testing, Integration Testing, End to End Testing, Unit Testing.
* Strong understanding and development experience in Object Oriented Programming Concepts.
* Expertise in **Defect Tracking and Bug Reporting Tools** like **HP Quality Center** (Mercury Test Director) and version control tools like **JIRA, TFS**.
* Executed **SQL** queries on Oracle database tables in order to view successful transactions of data and for validating data.
* Ability to handle multiple scenarios with rapidly changing priorities and deadlines.
* Excellent Analytical abilities and have proven ability to perform multiple tasks in a high-pressure environment.
* Excellent analytical, problem solving, communication and interpersonal skills, with ability to interact with individuals at all levels.

**Technical Skills:**

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| **Testing Tools** | Selenium WebDriver/IDE/RC/GRID, QTP, Quality Center, Jmeter, SoapUI, Cucumber |
| **Languages** | JAVA, Java Script, HTML, CSS, XML, DHTML |
| **IDE** | Eclipse, TOAD |
| **Test Framework** | Junit, TestNG, Data Driven, Keyword Driven, Hybrid |
| **Web Debugging Tool** | Firepath, Firebug |
| **Build Tool** | Ant, Maven |
| **Processes** | Agile-Scrum, Waterfall |
| **Bug Tracking Tools** | BugZilla, JIRA, Quality Center |
| **Continuous Integration Tools** | Jenkins, Hudson |
| **Databases** | SQL Server, MySQL, Oracle |
| **Source Version Control Tools** | Subversion (SVN), Git |
| **Operating Systems** | Windows (XP, Vista & 7, 8), Linux, Mac |

**Professional Summary:**

**Client: Marknet Group, Brewster, NY. Jun 14 – Till Date**

**Role: QA Automation Engineer**

**Responsibilities:**

* Analyzed business requirements & participated in requirement sessions to understand & identify missing, ambiguous, inconsistent requirements.
* Evaluated Business Requirements for testing needs and looped with business to improve them.
* Followed Test Driven Development (**TDD**) as much as possible and written test cases using **TestNG** for every relevant class.
* Developed/Updated System **Test Plan, Test scenarios** and **Test Scripts** as per the requirements and **Change Request** Document.
* Developed Selenium Automation framework – Created a hybrid framework (Keyword and Data driven) on **Selenium using TestNG.**
* Used **Java** language and **TestNG** framework for scripting. Used **Maven** for building the WebDriver project.
* Developed test strategy for the minimal required tests that provides value in determining the quality state of the application.
* Identified test cases to automate. Automate those test cases using **Selenium WebDriver and Java (Eclipse IDE).**
* Develop and execute manual and automated tests in different platforms using Java and Selenium library.
* Used Java as client library for **selenium and WebDriver** to design and developed Automation test Framework using **TestNG.**
* Automated Smoke & Functional test cases **using Selenium WebDriver, TestNG & Java (Eclipse IDE).**
* Implemented OO designs and applied working knowledge of design patterns to performance test presentation, data and business modules.
* Involved in **SOAP & REST** based web servicestesting using **SOAPUIPRO** web services testing tool.
* Involved in using **Jenkins** as a **Continuous Integration server** to configure with **Maven**.
* Used Maven, SVN, Java and Selenium Grid to create nightly automation scripts.
* Enabled Transaction demarcation in Data Access Objects.
* Designed and developed Page Objects using Page Object Design Pattern and Selenium.
* Performed Back end testing using SQL queries to make sure that data entered has been uploaded correctly into the database tables.
* Assisted QA Analysts with **Automation Testing** using **Ruby** and **WATIR** and document results.
* Verified SQL queries against backend database to ensure test codes retrieve the right data on testing.
* Preparing status reports and End of Sprint demos to show case the work done in that sprint to the Stake holders (Product management, Customers, Clients).

**Environment:** Java, Selenium WebDriver, JavaScript, TestNG, Jenkins, SoapUI, Rest, Maven, Eclipse IDE, Firebug, TDD, BugZilla, WebLogic, SQL, PL/SQL, Oracle, Windows.

**Client: MedAssets, Dallas TX. Jul 13 – May 14**

**Role: Automation Engineer**

**Responsibilities:**

* Responsible for preparation of Test cycle/progress reports, analysis of defect metrics & implement improvement actions for next iterations.
* Wrote **test case** for **manual** and **automation testing** and tested applications manually and with automated tools.
* Worked on **AGILE** Environment – Participated in the Project planning session for Estimating of the time and resources for executing the test cases.
* Involved in developing test cases to meet functional requirements.
* Tested the application under **Scrum (Agile)** Methodology.
* Identified test cases to automate. Automate those test cases using **Selenium WebDriver, Junit** and Java (Eclipse IDE). Contributed in framework creation.
* Worked on distributed test automation execution on different environment as part of Continuous Integration Process using **Selenium Grid** and **Jenkins.**
* Conducted Java component testing using Junit framework of JAVA web applications.
* Developed automation test cases using **Junit framework and** **Selenium** **WebDriver**.
* Automated Smoke and Functional test cases using **Selenium WebDriver, Junit** and **Java (Eclipse IDE)**.
* Used Selenium **WebDriver** **API** to automate tests on **cross browser** and **cross platform** environment. Sound knowledge on **Object Oriented Programming** concept and **Java** Language. Used **Junit** framework to run unit test and **Maven** to build the Project.
* Used **Jmeter** extensively to create performance test and integrated test to Continuous integration using Jmeter-Maven Plugins.
* Responsible for various testing activities including the Build Acceptance/Smoke, Functional, Negative, Regression testing, Staging for the Production servers and QA checkouts on the Production Servers.
* Designed test cases based on the use-cases and the complex business logic defined for each **web-service or a message.**
* Created the test data and request for the test data dependent with the other applications to be used in the testing activities for the current release.
* Created **SOAPUI** projects for testing the integration of SOA Broker with the Federated Security component on Windows.
* Data Validation and testing using **SQL and PL/SQL** with Oracle and Toad also **JDBC**.
* Conducted **backend testing using SQL queries** to validate data for database and Used **SQL queries** for retrieving data from database for executing user specific test cases.
* Managed software defect information, interacted with Business users to fix severity and priority of issues.
* Participated in weekly project status meeting and updated the testing Progress.

**Environment:** Java, Selenium WebDriver, Agile, SRUM, Junit, SOAPUI, Jenkins, Maven, ClearQuest, Firepath, Firebug, Internet Explorer, Google Chrome, Safari, Mozilla Firefox, Subversion (SVN), SQL, Oracle, Windows.

**Client: Trend Technologies, Elk Grove, IL. Mar 12 – Jun 13**

**Role: QA Engineer**

**Responsibilities:**

* Extensively Involved in writing white-box test cases based on the **User** and **Business Requirements**.
* Worked on **Selenium** for creating and executing test cases for functionality testing of a **web app.**
* Involved in defining **test automation strategy** and test scenarios, created automated test cases, test plans and executed tests using **Selenium RC.**
* Used **Selenium Grid** to test the compatibility of the tests across multiple servers to save time.
* Worked on **White-Box** server-side System level test cases using **JUNIT.**
* Involved in **ANT** configuration for running servers and scripts after the build**.**
* Database Change Verification testing using **Oracle-TOAD** and **PL/SQL** queries/procedures.
* Performed System level integration, load and performance testing of the application.
* Verified the application on difference web browser such as IE, Mozilla Firefox and Opera.
* Tested web-based application on different operating systems such as Windows XP, Vista and UNIX. Also, tested the application for different Java versions.
* Worked on **JIRA** for ticket management.
* Developed and documented complete testing process with well-written test cases.
* Involved in project meetings to meet project deliverables and goals.

**Environment:** Java, Selenium RC/IDE, JIRA, Junit, CSS, PL/SQL, Oracle, Windows XP.

**Client: Founders Insurance, Des Plaines, IL. Nov 10 – Feb 12**

**Role: QA Engineer**

**Responsibilities:**

* Responsible for creating **test plans, test cases, test scenarios** and mapping business requirements to test cases.
* Designed the test cases and developed test scripts using **Java and Selenium RC/IDE.**
* Developed **Test Plan, Test Cases** and executed various **test scripts** functional testing.
* Developed Automation scripts for new enhancements using **Selenium RC and Junit.**
* Developed **ANT** Build scripts to run Sanity Test scripts developed in **Selenium RC.**
* Used Junit framework for test cases Performed Black Box and Unit testing using Equivalence Partitioning analysis.
* Used **Quality Center** as Test Repository for Requirements, Test plans.
* Worked actively with developers in expediting the code as against the specs and performing **Unit Testing**.
* Tests developed in Eclipse to start and to stop the **selenium server** and to execute the tests in browser.
* Performed SOA testing for Payments API's using **SoapUI** and **Java framework** for **Web Services testing.**
* Wrote and executed **SQL’s** and **PL/SQL’s** to do the backend testing.
* Responsible for updating and maintaining the **Quality Center** for reporting and logging  the defects found during functional and regression testing and follow up the **bug life cycle**.

**Environment:** Java, Selenium RC/IDE, Eclipse, Junit, Ant, SoapUI, Internet Explorer, Mozilla Firefox, Quality center, SQL, PL/SQL, Oracle, Windows and UNIX.

**Client:** **Epic Systems, Verona, WI**. **Jun 09 – Oct 10**

**Role: QA Analyst**

**Responsibilities:**

* Planned and managed the appropriate testing effort for any given module.
* Composed accurate and detailed Test Approach , scenarios and test cases (functional, usability and regression)
* Conducted end to end test executions on the entire application.
* Identified software defects and interacted with developers to resolve them and provided full support to the Test team using the QC.
* Share status reports (Daily / Weekly /Monthly) to all the stakeholders and management.
* Performed Integration testing, Regression testing and System Testing.
* Work with the development / support teams to fix the environmental issues encountered during test executions.
* Communicate defects using Quality Center (QC) with proper Severity and Priority.
* Execution of System Integration Testing, User Acceptance Testing.
* Created Test matrix, Test Summary Report, UAT summary Report and UAT Sign off Report.

**Environment:** Quality Center, MS Excel, web based application, SQL Server and Windows XP.

**Client:** **Charles Schwab, San Francisco, CA**. **Dec 07 – May 09**

**Role: QA Manual Tester**

**Responsibilities:**

* Analyzed business requirements, Specifications documents to provide inputs for testing and to development team.
* Performed Functional, Integration, Regression, System testing, acceptance testing for the Application
* Created test scenarios, test cases and test data. Executed tests, created status reports.
* Conducted Regression Testing on various builds of the application and reported the defects to the developers using Quality Center for the bug fixing and tracking.
* Quality Center was used to track defects and reported to development team.
* Tested the product and worked with Client Team for UAT Testing.
* Developed Integration, System, Regression and UAT Test cases to cover all over Functionality.

**Environment:** Java, JavaScript, HTML, XML, SQL, PL/SQL, Oracle, Quality Center, UNIX.

**References:** Will be provided upon request.