**Bodhi Tuladhar**

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**SUMMARY:**

* Around 7+ **years** of experience in all phases **of Software Design, Development and Testing** with emphasis on **Quality Assurance**.
* Strong knowledge of the Software Development Life Cycle (SDLC).Extensive knowledge of QA Standards methodology, QA framework, and QA process
* Strong analytical and QA testing skills, capacity for work and diagnostic ability, gathering different kind of project requirements.
* Created test Plans, Test Scenarios, Test Cases according to Business, Functional and User Requirement Specifications and Writing Test Scripts and Reports.
* Participated in bug meetings with developers to validate the severity of the bug. Manually retested the application for smoke testing and regression testing. Experience in Black box testing and White box testing.
* Good experience in Selenium Test Environment setup expert using the entire open source tools. Excellent knowledge in writing unique XPath using firebug and fire path to identify web elements.
* Involved in regression testing, system testing, integration testing, smoke testing, performance volume, stress, and ad-hoc testing.
* Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium WebDriver/IDE/Grid, and JUnit/TestNG, Load Runner, HP ALM/ Quality Center, JMeter, JIRA, SOAPUI, **Cucumber** with **Gherkin**.
* Knowledge of Test Design Patterns like **Page Object Pattern** and **Page Factory Pattern**.
* Knowledge of **XML**, **XML Schema**, **XPath**, **Apache POI library**.
* Knowledge of **Web Services** testing with **SoapUI**.
* Knowledge in Automation Framework like **Hybrid**, **Data Driven** and **Keyword driven**.
* Experience in testing using **JUnit**, **TestNG**.
* Experience in Database technologies such as **Oracle, MS SQL** and **MySQL**.
* Hands on experience on the development tools; **Eclipse**, **IntelliJ, JDeveloper**. Hands on experience on the Version Control tools such as **GIT**, **SVN a**nd **CVS.**
* Hands on experience on containerization with **Docker**.
* Hands on experience of continuous integration with **Jenkins**.
* Strong skills in Back-End testing using SQL queries generating reports to ensure data integrity.
* Worked on **Windows**, **Linux**, **MAC OS X** environment.
* Good **debugging** and **problem solving skills** with excellent understanding of system testing methodologies, techniques and tools.
* Experience in refactoring and enhancing existing code.
* Excellent **analytical,** **problem solving**, **communication skills** and a **team player.**

**Technical Skills:**

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| --- | --- | --- | --- |
| **Languages** | | Java, JEE, C, C++ | |
| **Java Technologies** | | JSP, JSTL, Servlets, JSF, JDBC, Log4j, Struts, Spring MVC, Hibernate, Selenium | |
| **Methodology** | | Waterfall, Agile | |
| **Design Patterns** | | MVC, Business Delegates, Business Objects, Transfer Objects, Singleton, Front Controller, Dependency Injection, Composite View | |
| **Wweweweweweb techonoload Web Technologies** | | HTML, CSS, XHTML, XML, JavaScript | |
| **Framework** | Hibernate, JSF, JSP , Struts, SpringMVC, POM, DataDriven, Keyword Driven, Hybrid, Page Object Model (POM), Data Driven Framework, Keyword Driven Framework, Hybrid Framework, and Behavior Driven Testing using Cucumber Framework | |
| **Testing and Logging Tools** | JUnit, TestNG, Mokito,Log4j | |
| **Development Tools & IDE** | Eclipse, JDeveloper, IntelliJ, MySQL Workbench, SQL Developer | |
| **Database Technologies** | SQL Server, MySQL, Oracle, DB2, | |
| **Web and Application Server** | WebSphere, Weblogic, JBoss, Tomcat | |
| **Operating System** | Windows, Linux, MacOS X | |

**PROFESSIONAL EXPERIENCE:**

**Automatic Data Processing, Roseland, New Jersey Feb 2016-Present**

**Sr. QA Test Engineer**

ADP helps organizations in more than 110 countries, of all types and sizes to unlock their business potential by providing [human resources](https://en.wikipedia.org/wiki/Human_resources) management software and services. As a QA analyst I was working on Learning Management System (LMS) application that involved in creating courses, assignments and polls for the employees. I worked on this application under agile methodology, to ensure all the functionalities were working as correct as expected and developed Selenium WebDriver automation scripts.

**Responsibilities**

* Responsible for designing test cases and executing them within an AGILE software development SCRUM environment.
* Reviewed and Created Project Assessment, Project Plan, Business Process Requirements, Technical Requirements, Test Specifications, Test Results, and Test Results.
* Developed automated scripts for performing Regression Testing through **Selenium Web Driver**.
* Implemented Page Object Model Automation framework with Java and **Selenium Web Driver.**
* Extensively used **Selenium** (data-driven, XPath locator) and **Web Driver** to test the web application.
* Used **Cucumbe**r for the entire regression testing and functional testing with selenium as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Developed Hybrid Test Framework using **Selenium WebDriver**, Maven, Cucumber and TestNG.
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using **Cucumber.**
* Responsible for implementation of Hybrid Test Automation Framework build using **Selenium, TestNG** and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.
* Extensively used selenium IDE to record, playback and debug individual test cases, using selenium Web Driver provided more flexibility in automating test cases.
* Created selenium /java tests for advertising regression testing and production monitoring purposes.
* Used **Maven for building the Web Driver** project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Performed functional testing to identify various critical points in the application and automated it by using **Selenium WebDriver** with **TestNG.**
* Designed and developed User defined functions, Generic functions with **Cucumber,** **Selenium/WebDriver** and Java programming.
* Installed and configured **Selenium** as per the requirements of the client following the procedure.
* Responsible for setting up of **Eclipse, TestNG** and Maven for development and execution.
* Used **Selenium WebDriver and Selenium framework** (Page Object Model) to automate functional testing of GUI.
* Wrote SQL query to perform data validation and verification.
* Attended walkthroughs and review meetings to design the application with Business analysts, development teams and Operations.
* Reviewed user requirements and provided direction in the identification of problem and potential resolution.
* Created **TestNG framework** to run automated GUI tests and Maven to build the project.
* Developed, implemented and maintained reusable custom method/functions using **Selenium WebDriver.**
* Implemented Continuous delivery with Jenkins to commit to GitHub branch as well as delivery of XLST report.
* Developed and maintained **Selenium Web Driver** test scripts for functional and regression testing including dynamic parameterization using excels spreadsheets.
* Performed cross-browser testing across different Operating systems Selenium Grid.

**Environment**: **Selenium   Web Driver, Cucumber**, TestNG, Black box testing, SVN, Git /GitHub Maven, Jenkins, Selenium  Grid, HTML5, XML, JIRA, HP ALM , Java Script, Agile

**GMAC Mortgage, Fort Washington, PA Aug 2013-Dec, 2015**

**QA Test Engineer**

MSS is a data mining application related to Fee-Based Servicing and maintaining Mortgage Serve coding convention and administering the Salesforce.com (SFDC) application. It involves multiple components like “ODS” (operational data store) for accounting and financial reporting systems and MR (miscellaneous reporting) related to previous acquired portfolios. The main idea of the project was to get mortgage data from different sources into their operational data stores which were used for generating different accounting and financial reports.

**Responsibilities**

* Used **Cucumber** for the entire regression testing and functional testing with **Selenium** as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Developed Hybrid Test Framework using **Cucumber**, **Selenium Webdriver**, Maven and TestNG.
* Developed selenium scripts in **TestNG** for parameterization using DataProvider annotation.
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using **Cucumber.**
* Used **Application life cycle management** **(ALM)** for design test plan, test cases development, test cases executions and for Defect Management
* Manually tested and executed test cases. Assign tasks to other QA team members, submitted weekly Status reports reporting the bug metrics.
* Perform parameterization of the automated test scripts in selenium to check how the application performs against multiple sets of data Contributed in developing Automation Framework that uses Java**, Selenium Webdriver and TestNG.**
* Select Test Cases to be automated and perform functional testing of the front end using selenium (IDE and Web Driver) and create a Data Driven framework using **TestNG.**
* Prepare Master Project Plan, Master Test Plan, UAT Test Plans, Test Logs, Test tracks, Test Strategy, Test Scenarios and execution of Test Cases.
* Use Maven as the build tool, GIT for version control, Jenkins for Continuous Integration and JIRA as a defect tracking tool.
* Create Automation framework and building Function Libraries.
* Execute parallel browser testing on various machines using **Selenium Grid** and performed cross browser testing.

**Environment:** **Selenium , Cucumber**,  Web Driver, TestNG, Black box testing, SVN, Git /GitHub Maven, Jenkins,, selenium  Grid, , HTML5, XML, JIRA HP ALM , Bugzilla, HPALM/QC

**Renew Financial, Portland, OR Feb 2011- July 2013**

**Selenium Automation Engineer**

Renew Financial specializes in innovative financing solutions for energy efficiency, renewable energy, water-saving, and resiliency projects. Their robust and flexible financing options help property owners save resources and money while strengthening local economies and supporting communities in reaching energy and water conservation goals. I was working as Selenium Tester to automate their contractor enrollment. I was involved in selenium (data-driven, XPath locator) and Web Driver to test the Contractor enrollment web application. I was also responsible for implementation of Hybrid Test Automation Framework build using selenium, TestNG and Maven technologies under Java platform utilizing industry leading harness design patterns and approaches.

**Responsibilities:**

* Responsible for designing test cases and executing them within an AGILE software development SCRUM environment.
* Reviewed and Created Project Assessment, Project Plan, Business Process Requirements, Technical Requirements, Test Specifications, Test Results, and Test Results.
* Developed automated scripts for performing Regression Testing through selenium Web Driver. Implemented Page Object Model Automation framework with Java and selenium Web Driver.
* Extensively used **Selenium** (data-driven, XPath locator) and Web Driver to test the web application.
* Responsible for implementation of Hybrid Test Automation Framework build using **Selenium, TestNG and Maven technologies** under Java platform utilizing industry leading harness design patterns and approaches.
* Extensively used selenium IDE to record, playback and debug individual test cases, using selenium Web Driver provided more flexibility in automating test cases.
* Created selenium /java tests for advertising regression testing and production monitoring purposes.
* Used Cucumber for the entire regression testing and functional testing with **Selenium** as primary tool to the Test Scenarios, Test Cases and Test conditions identified.
* Developed Hybrid Test Framework using **Selenium WebDriver**, Maven, **Cucumber** and TestNG.
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using **Cucumber.**
* Used Maven for building the **Web Driver** project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
* Worked on proof of concept to Automate Functional and Regression Testing using selenium tool.
* Performed functional testing to identify various critical points in the application and automated it by using Selenium WebDriver with TestNG.
* Performed SOA testing for Payments API's using SoapUI and Java framework for Web Services testing.   
  Experience with Assertions like Schema Compliance, XPath and SOAP responses.   
  Implemented Regression and Smoke tests execution as separate step of deployment process.
* Worked on regression testing, automation estimation, design and framework. Provided the detailed implementation plan to management.
* Administered and developed custom plugins for the JIRA instance.
* Actively involved with scrum and sprint meetings, managing product backlog, removing obstacles to progress, re-allocating resources where necessary, prioritizing and review milestones and accomplishments.

**Environment:** Java, selenium Web Driver, SoapUI, **Cucumber**, Jenkins, Firefox, Maven, SQL, Eclipse, JIRA, UNIX/ linux, XML, Load Runner, SVN

**W. W. Grainger, Inc., Chicago, IL Mar 2010– Jan 2011**

**QA Analyst**

**EPro (Ecommerce Procurement)**

W.W. Grainger, Inc. is the leading North American provider of maintenance, repair, and operating (MRO) supplies, services, and related information to businesses and institutions. Grainger’s catalog includes such offerings as motors, lighting, material handling, fasteners, plumbing, tools, and safety supplies. Revenue is generally from business to business (B2B) sales rather than consumer sales. Project Description: Epro allows Grainger customer to create a request for products or services through their ERP (Enterprise resource planning) system and convert it to an electronic order.

**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.
* Worked on Web Services (SOAP &Restful) using SOAP UI and validated the JSON Messages.
* Automated the regression test cases using the **Selenium & TestNG.**
* Developed manual Test Script and converted to automated script using Quick Test Professional **(QTP).**
* Worked on N-Tier design, development and deployment using Agile Methodology.
* Implemented JMeter and Rational Functional Tester (RFT) to test the Performance on a number of browser based systems. Configured JMeter to place various loads on the system under test. Created RTF Control scripts with timers to gather the user experience metrics. Then after testing was completed, created a report with metrics, charts and analysis for management.
* 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, JMeter, Toad, MS Access, MS VISIO, MS office, MS word, MS excel, Oracle CRM, Share Point, Java, QTP, MQC, Business Object Reports.