**Kedar Pokharel**

**[kedarbrt@hotmail.com](mailto:kedarbrt@hotmail.com)**

**402-218-6897**

**Professional Summary:**

* 6+ years of immense experience in Software Quality Assurance and QA implementation.
* experience in automation and manual testing of large scale application for web based, mobile and client/server applications
* Strong skills and experience in Object Oriented Programming (JAVA).
* Expertise on Data Driven testing using Frameworks like JUnit and TestNG
* Proficient in performing GUI, Functional testing, System testing, Regression testing, Backend testing, Smoke testing using manual & automated testing tools.
* Good at defect-reporting and defect-tracking using tool like JIRA, Quality center/Test Director.
* Hands on experience in writing SQL queries and executing procedures to perform back end testing for the expected results.
* Expertise in Test automation using Selenium.
* Designed and Developed Automation test scripts using QTP/UFT and Selenium Web driver .
* Experience in working with open source tools Selenium (Selenium IDE, Selenium RC, Web Driver). Experienced in automation based on WebDriver and TestNG framework with Java programming language
* Strong exposure testing applications on different browsers like IE, Firefox, Chrome.
* Worked on virtualization servers like VMware for testing on multiple browsers.
* Experienced in bug and defect tracking using tools like ALM Quality Center, Bugzilla, JIRA.
* Experienced on creating test scripts using Selenium Web Driver.
* Experience in different types of testing like black box testing, integration testing, regression testing, GUI testing, Functional testing and system testing.
* Good experience in testing web applications using Soap UI.
* Extensive experience in Coordinating with Project Managers, Business Analysts and System Analysts to set up the pre-validation and validation environment to execute the scripts.
* Extensive experience in Mobile App testing on Android and iPhone. Used Emulator, Simulator, User Agent Switcher, Junit Framework, Selenium WebDriver, Appium, Robot Framework, ride to perform Mobile App testing

**Technical Skills:**

|  |  |
| --- | --- |
| **Testing Tools:** Selenium IDE, Selenium  WebDriver, Selenium Grid,QTP/UFT, JUnit, testNG, Firebug, SOAP UI, Eclipse, Intellij, Toad, Quality Center/ALM, Jenkins, Cucumber, Appium  **Defect/Bug Tracking Tools:** JIRA, ALM/Quality Center.  **Build Tools:** Maven.  **Mobile test framework:** Appium | **Web Technologies:** HTML, CSS, XML, XPATH, Java Script, SOAP, WSDL.  **Version Control and Cloud:** Git, SauceLab  **Databases:** MS SQL, Oracle, MySQL.  **Platforms:** Windows, UNIX/Linux.  **Performance Testing Tools:** JMeter  **Programming Languages: C++,**C,C#, Java, SQL, PL/SQL |

**Sovereign Bank, Boston, MA Oct 2016 –June 2018**

**UFT Tester**

**Responsibilities:**

* Reviewed/analyzed Business Requirements and Software Requirements Specification Documents and prepared Test analysis documents.
* Tested application under the agile, scrum and sprint development and process.
* Performed test case assignments in Test Lab modules of Quality Center.
* Create Test related documents such as Test Plan, Test Scenario, and Test Cases throughout the STLC.
* Analyzed Loanfile **XML** Schema. If necessary, created elements and attributes with consultation from Line of Business (LOB), for passing loan file information from one service to another as part of the testing,
* Responsible for Automation of all applications Using **UFT**.
* Created custom Keywords invoking function/subroutine developed with overridden methods to allow for self-documenting code and auto-documenting   
  test scripts using VBScript and custom **UFT** libraries.
* Created reusable actions using **UFT** for existing test case request response web   
  services for enterprise integration.
* Performed Back-End testing using **SQL** queries within the parameterized UFT   
  Scripts to compare and retrieve data by using Database Checkpoints.
* Developed Test scripts using **UFT** by recording test cases and enhanced scripts by adding checkpoints, parameterization and synchronization.
* Participated in meetings scheduled and as-necessary basis.
* Used **SoapUI** and **UFT** for WSDL web-service testing and verified elements and values from web-service response as well as parameterized using **UFT** to verify response with multiple set of data.
* Performed Performance testing for Web Service using **Soap UI**
* Performed REST API testing using **SoapUI** as a testing tool where I created a new project into **SoapUI**, create Test cases, test script, set up parameters added assertions to test scripts and execute test case into **SoapUI**.
* Validated **SoapUI** result in **XML** format and prepared Test Summary Report for end client.
* Generated reports and graphs to provide the end results to Test Management team from Quality Center.
* Understanding the Business requirement and Functional requirements.
* Used different In-House software to track data flow, system interactions, system defects, service requests and responses.
* Involved in UAT testing for migrating the data.
* Successfully implemented the End2End testing and UAT (User acceptance testing)
* Entered bugs in **HP ALM/Quality Center**, verified bug fixes and performed end to end testing.
* Followed Agile Methodology to emphasize on real time communication over written documentation.
* Conducted System Testing, Regression testing, GUI Testing and Cross Browser compatibility testing during the releases and interacted with the developers to resolve any technical issues
* Used **HP** **ALM/Quality Center** bug tracking tool to analyze & capture bugs, track and manage dashboard any type of updates for project release.
* Reviewed extensive **SQL** Queries with complex multi-table joins and nested queries.
* Involved in reviewing complex **SQL** queries, views, functions and stored procedures and spotting issues before/during code migration.
* Created and maintained **SQL** Scripts and Unix Shell scripts to perform back-end testing on the oracle database.
* Conducted Bug Review meetings by reviewing and discussing all defects by their business severity and worked actively development and business team to perform the root cause analysis in order to find the resolution.

**Environment:** XML, Quality Center, QTP, TOAD, MS Office (MS Excel, MS Word, MS PowerPoint), MS Project

**Project: JPMC, Dallas, TX Apr 2015 – Sept 2016**

**Role: Automation Engineer**

**Responsibilities:**

* Automated the Test Cases using Selenium, WebDriver, Java Eclipse and JUnit.
* Developed unit tests using JUnit, create Test Suites and run parallel tests on TestNG.
* Automated the Test Cases using Selenium, WebDriver, Java Eclipse and JUnit.
* Worked closely with business team, designers and software developers to understand application functionality and navigational flow.
* Maintain Automation Scripts in Quality Center Test Lab.
* Test the application in Development and UAT Environment.
* Log Defect Using Jira and maintain the defects.
* Developed UAT scripts for Business Users.
* Logging bugs in TFS with detailed description and repro steps
* Developed scripts for all the modules which need to be automated using QTP/UFT.
* Worked on Setup JIRA for Test Case Management.
* Attend Applied Behavior  Driven Development workshops
* Constantly adding and updating unit tests utilizing Mocking with JUnit.
* Involved in implementing frameworks using HP tools such as HP QTP  HP TDM at various client locations
* Automated setting up server infrastructure for the DevOps services, using puppet, shell and python scripts.
* Performed Manual Testing and Automation testing used HP ALM 11.52 and UFT 12.0 test management and automation tools.
* Perform ETL  operations for Business Intelligence reporting solutions using custom VBA and Excel web queries
* Participate in weekly IVR meetings with DEV/QA (Sprint) and management.
* Identified Defects during functional and data testing and documented them in Quality Center.
* Using SoapUI tested the logic of the Web service.
* Conducted Regression Testing on every new build after the Bug fixes with the help of QTP/UFT scripts.
* Create, Execute and maintain over test cases through Quality Center for functional, UI and device testing.
* Experience in mobile Application and mobile Testing for **Android and IOS**.
* Created and Reviewed Requirements, Test Plan, Test Cases specific for Mobile.
* Tested the Application for Mobile GS on **iPad, Android and iPhone** when the operating system was unveiled. and made sure the application was enhanced to be compatible with the **Android devices**.
* Performed functional, regression, laboratory, interrupt and memory leakage testing on GS mobile app to make sure it is working fine as per requirement.
* Executed the QTP/UFT scripts from Quality Center.
* Designed and Developed automation script using Selenium IDE and web driver
* Automation of functional testing framework for all modules using Selenium web driver
* Reusable scripts handle dynamic pages using selenium server using descriptive Programming in Java
* 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

**Environment:**Java, HTML, SQL, Oracle 10g, TOAD, Apache, Oracle, JBOSS, android, IOS, TFS,QTP, Quick Test Professional, Quality Center, UFT, Jira, Appium, Selenium, Cucumber , Ruby, puppet, shell ,python script ,  TestNG, Selenium Sauce Labs.

**Project: Capital one, McLean, VA Oct 2013 – Mar 2015**

**Role: Automation Engineer**

**Responsibilities:**

* Automated the Test Cases using Selenium, WebDriver, Java Eclipse and JUnit.
* Introduce and implement open source web test tool Selenium WebDriver API for cross browser testing.
* Build Automated Test Team to increase the automation coverage for the regression test cycle.
* Performed Automation testing Selenium WebDriver and Junit and Eclipse.Hybrid Framework was developed.
* Experienced in Test Automation, Script Preparation and execution within the Framework.
* Good expertise in Java and Automation Infrastructure Development.
* Used Robot Framework, ride editor, selenium library and Python coding to develop reusable method and keyword driven framework for mobile app testing.
* Execution and maintenance of Test scripts them on HP UFT.
* Designing and implementing Automation Frameworks using HP QTP 11.0/UFT 11.52
* Involved in Mobile Testing using Actual Devices and IVR Testing
* Data base integration and UI maintenance for the CA iTKO LISA Automation Framework.
* Created cross- device test cases that could be across multiple platforms as well as devices.
* Executed test cases on **IOS** and **MacOSX** according to Business Requirement Document(BRD).
* Used Easy mock for Mocking down line services.
* Testing Type Involved: Device testing, User Acceptance Testing, System Integration Testing, Functional Testing, Regression Testing, Security Testing.
* Actively involved in performing functionality, Configuration, unit and integration tests for all the Web services  under test
* Implement TDD practices using Ruby/Cucumber automation in Agile Lines.
* Verified the app could be installed or uninstalled across the devices.
* Work closely with R&D and Client Support in software development and debugging.
* Developed and updated Test Scripts based on the Functional and Technical Specifications using Selenium Web driver.
* Used QTP to validate links, objects, images and text on GUI interface to verify its proper functionality.
* Expertise in Integration between Quality Center Dashboards.
* Developed test harnesses and automated tests in Selenium Web Driver.
* Performed Data Driven Tests to validate the same scenario with different test data using Selenium.
* Analyzed formal test results in order to discover and report any bugs, errors, configuration issues, and cross-browser interoperability flaws.

**Environment:**Java, UNIX, SQL, Oracle 10g, HP Load Runner, IBM Rational Robot, Clear quest, HP Quick Test Professional, IBM Rational Manual Tester ,QTP, UFT , Ruby/Cucumber, Android, IOS**,** MacOSX ,Quality Center, Selenium, Appium, Cucumber.

**Project: MassMutual Financial Group, Boston, MA Mar 2012 – Sep 2013**

**Role: Selenium Automation Tester**

**Responsibilities:**

* Automated the Test Cases using Selenium, WebDriver, Java Eclipse and JUnit.
* Responsible for testing of new functionality and enhancements, regression testing, system end-to-end testing, functionality testing, black box and gray box testing, integration testing, negative and adversarial testing.
* Research and determined best tools to use for automation, streamlined all automation process in the organization.
* Configured, monitored, tracked defects/risks, created and executed test sets and managed documentation of test results using HP ALM in agile environment.
* Configured Selenium Hybrid Framework with Selenium WebDriver, TestNG and Maven and created selenium automation scripts in java.
* Involved in SOAP based web services testing using SOAPUI web services testing tool.
* Worked with the Web programming language HTML, CSS, XML and selected web element by using Firebug and FirePath.
* Design and implement test automation frameworks using HP UFT/QTP, Selenium, Ruby, and Cucumber
* Design, develop, unit test, and deploy **Android** based solutions from the ground up using common standards and frameworks.
* Worked with ETL /SQL developers and production teams across functional units to identify business needs
* Propose new automation solutions to improve agile line productivity and Quality using Ruby/Cucumber.
* Created custom template for QC /ALM projects.
* Worked on Key Word Driven, Data Driven API (POI) and Behavior Data Driven-Cucumber.
* Involved in SOAP based web services testing using SOAPUI web services testing tool.
* Worked on distributed test automation execution on different environment by using Selenium Grid, Continuous Integration Continuous Development- Jenkins, Cloud test-SauceLab and version control System-Github.
* Reported the test result by using testing and different API.
* Performed data accuracy, data validation and data integrity testing by querying the database using SQL queries to check the database on server and Back End Testing by using TOAD.
* Participated in various meetings and discussed Enhancements and Modification Request issues.

**Environment:**Java, Maven, TestNG, SauceLab, GIT,Android, Selenium WebDriver, Selenium Grid, Firebug, Jenkins, JMeter,SOAP, HTML, XML, Quality Center, Oracle SQL, ETL, TOAD, MS Project, MS Office, Windows and Linux.