**Professional Summary:**

* 6+ years of experience in all phases of Software Design, Development and Testing with emphasis on Quality Assurance.
* Strong knowledge of the **Test-Driven Development environment (TDD),Behavior Driven Development environment (BDD)**. 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.
* Participated in multiple projects with different work streams towards completion of testing, defect resolution, implementation, and support in an **Agile/Scrum development environment.**
* Experience working in Test Automation environment in **Continuous Integration (CI) and Continuous Deployment (CD).**
* 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.
* Experience working with **Software Development Kit (SDK).**
* 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, 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 User Interface (UI), 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 and CVS.
* Hands on experience on containerization with Docker.
* Hands on experience of continuous integration with Jenkins.

**Technical Skills:**

|  |  |  |  |
| --- | --- | --- | --- |
| **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 | |
| **Wwewewewewebtechonoload Web Technologies** | | HTML, CSS, XHTML, XML, JavaScript | |
| **Framework** | JSF, JSP , Struts, SpringMVC, POM, DataDriven, Keyword Driven, Hybrid, Page Object Model (POM), Data Driven Framework, AngularJS, Keyword Driven Framework, Hybrid Framework, and Behavior Driven Testing using Cucumber Framework | |
| **Testing and Logging Tools** | JUnit,TestNG, Selenium | |
| **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, Android, IOS | |

**Professional Experience:**

**Automatic Data Processing, LLC. Roseland, New Jersey**

**Feb 2016-Feb 2018**

**Manual QA Test Engineer/Mobile 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 **mobile based**Learning Management System (LMS) application developed in **Behavior Driven Development (BDD**) environment 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**.As a **Mobile QA Analyst,** I was involved in the **SDK/mobile testing** of **Desktop content** and services on real handsets including **Android and iOS**. I was involved in **verification and validation** of hardware devices and software applications. I also conducted native mobile applications testing for **Android and iOS.**

**Responsibilities**

* Responsible for designing test cases as per **User Stories**and executing them within an **AGILE** software development **SCRUM** environment.
* Performed **Agile testing**, reviewed the **user stories** and participated in Daily Scrum, Iteration Planning and Release Planning meeting.
* Used **JIRA** for defect management in **Agile environment.**
* **Wrote test cases for Manual testing.**
* Responsible for writing **User Stories** and coordinating UAT testing efforts for multiple mobile devices including **Android and iOS.**
* Reviewed and Created Project Assessment, Project Plan, Business Process Requirements, Technical Requirements, Test Specifications, Test Results, and Test Results.
* Outlined the process flows and highlighted the enhancements in existing **Desktop andNative mobile application** processes.
* Developed automated scripts for performing Regression Testing through Selenium Web Driver.
* Extensively used **Selenium** WebDriver to test the web application.
* Extensive Experience and experience in **Native Mobile Application Testing**for**Android (6.0, 6.0.1, 7.0, 7.1.2, 8.0, 8.1)**and **iOS (7.1.2, 8.4.2, 9.3.5, 10.3.3).**
* Installed and Validated the applications on **Apple (iPhone) Android Family (Samsung, LG, HTC)**
* 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, AngularJS, JavaScript, Maven, Cucumber and TestNG.
* Worked with **Xamarin Test Cloud** and **Xamarin test framework** to automate **UI tests.**
* Used Base Camp tool to keep track of project discussions, files and events from beginning to end.  Perform acceptance testing using Cucumber.
* Conducted **.Net Unit testing** using **NUnit**.
* Created automated test for **UI testing** using **Xamarin.UItest.**
* Responsible for implementation of Hybrid Test Automation Framework build using Selenium, **NUnit.**
* Worked in Test Automation environment in **Continuous Integration (CI) and Continuous Deployment (CD).**
* Extensively used Selenium IDE to record, playback and debug individual test cases, using selenium Web Driver provided more flexibility in automating test cases.
* Used Jenkins for **Continuous Integration (CI).**
* Created **Selenium /Java** tests for advertising regression testing and production monitoring purposes.
* Used Maven for building the Web Driver project. Integrated with **Continuous Integration (CI)** tools **Jenkins** for running test on nightly basis automatically.
* Outlined specific details for various devices highlighting the similarities and differences while using **IPhone, Android Phones or tablets (IPads, Android).**
* Created manuals for UAT testers and external users to explain the features of **mobile application.**
* Coordinated testing for various mobile devices including various smart phones (**IPhone, Samsung, HTC) and tablets (IPads, Android tablets).**
* Created documentation and coordinated compatibility testing across multiple mobile devices.
* 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.
* Experience working with **Proxy** and **Apium Servers.**
* Extensively used **SQL** queries for **Backend Testing.**
* Tested various Web Services including **RESTful** and **SOAP (using SOAPUI).**
* 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.
* 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 excel spreadsheets.
* Performed cross-browser testing across different Operating systemsSelenium Grid.

**Environment:** Selenium   Web Driver, **SDK,** Desktop, C#, XamarinUItest, CI/CD, .Net, Android (6,7, 8), IOS (7,8,9,10) Xamarin Test Cloud, NUnit, Cucumber, AngularJS, TestNG, Black box testing, SVN,Git/GitHub Maven, SOAPUI, RESTful, Jenkins, Gherkin, Grid, HTML5, XML, JIRA, HP ALM , JavaScript, Agile

**Wells Fargo, Charlotte, NC**

**Aug 2013-Dec 2015**

**Manual QA Analyst/Mobile Engineer**

Wells Fargo & Company is an American international banking and financial services holding company which has become one of the nation’s largest financial institutions, serving one in three U.S. households and employing approximately one in 600 working Americans. As a mobile automation engineer I supported **Wells Fargo Mobile Application development project** for **Android** and **iOS platforms**. Involved in development and testing for native application mobile applications for **Android and iOS**

**Responsibilities**

* Operated within a very **Agile/Scrum environment**, employing 2-4-week sprints, daily scrum meetings, burn-down charts, task weighting, pair programming, refactoring, presentations and review.
* Use **JIRA** for the entire test management process and managing requirements and **User Stories** in **Agile/Scrum environment.**
* **Created test scripts for Manual testing.**
* Experience working in Test Automation environment in **Continuous Integration (CI) and Continuous Deployment (CD).**
* Prepare a Knowledge Transfer document for the Automation team.
* Used Jenkins for **Continuous Integration (CI).**
* Developed automated scripts for performing Regression Testing through **Selenium Web Driver.**
* Installed and tested the mobile application **SDK kit**and performed integration, system, Regression testing on various **Mobile/smartphone** device platforms and OS such as **Apple iOS**, Android, Tablet editions, Windows.
* Conducted **.Net Unit Testing** using **NUnit.**
* Created automated test for **UI testing** using **Xamarin.UItest.**
* Conducted Web Services testing using SOAP UI and also worked with **RESTful web services.**
* Involved in implementing the business models including wireframes on different platforms including native mobile applications for **Android (Version 4.1, 4.3.1, 4.4, 4.4.4, 5.0, 5.1.1, 6.0, 6.0.1), iOS (6.1.6, 7.1.2)**. Developed and testing on **iOS, Android** and Windows Apps.
* Wrote detailed requirements for enhancement of certain features on native **Mobiles Applications**.
* Created manuals for UAT testers and external users to explain the features of native mobile application.
* Execute parallel browser testing on various machines using Selenium Grid and performed cross browser testing.
* Coordinated testing for various mobile device hardware including various **IPhone, Android Phones or tablets (IPads, Android).**
* Conducted Backend Testing on the Oracle database using **SQL.**
* 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** tests for advertising regression testing and production monitoring purposes.
* Used Maven for building the Web Driver project. Integrated with **Continuous Integration (CI)** tools **Jenkins** for running test on nightly basis automatically.
* Involve in several modules like Payments, amendments, trading, agented deals, non-agented deals, tax withholding.
* Test the Business Rules engine as per the requirements to ensure the lenders were withheld in the appropriate tax types.
* Perform various types of testing like User Interface testing, Functional Testing, Regression testing, GUI testing, Smoke testing, Negative Testing and System Testing.
* Attend various meetings like Weekly status meeting, defect Triage meeting and daily team meetings.
* Maintain Traceability matrix to ensure all the requirements were covered.

**Environment:**XamarinUItest, C#, **SDK Kit**, .Net, Xamarin Test Cloud, **iOS (6,7), Android (4,5,6)**HTML, CI/CD, User Interface (UI), .Net, JavaScript, NUnit, AngularJS, Gherkin, JIRA, IBM DB2, Windows 7, Microsoft Outlook, SSRS, Test Harness

**Fifth Third Bank, Cincinnati, OH**

**Feb 2012-Jul 2013**

**QA Test Engineer**

The project scope involved System testing of the **Online Banking web application**, which allows the customer to access the accounts and administer their various Checking and Saving Accounts. The project involved the enhancements made to the Account Access application which provides the Account Summary (balances, last deposits, etc.) for various accounts and ability to transfer the funds between the various accounts using Fund Transfers. The user can change the account options such as PIN and disable or enable the ability to transfer the funds between accounts.

**Responsibilities**

* Gather business requirements, study the application and collect the required information from developers, and business.
* Worked in **Agile Testing** and participated meetings every day in iterative environment Created and maintained detailed test cases to perform various types of testing.
* 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, Gherkin, JavaScript, 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 **JIRA** for design test plan, test cases development, test cases executions and for Defect Management
* Tested **SOAP and RESTful web services.**
* Prepared the data to cover various scenarios and wrote **SQL scripts** to verify the database updates, inserts and deletion of the records.
* Maintained continuous test integration and automatic build by using **Jenkins** and mailed the build outputs to the team members.
* 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, User Interface (UI), .Net, Gherkin, JavaScript, SOAPUI, Web Driver, TestNG, Black box testing, SVN,Git /GitHub Maven, Jenkins,Selenium  Grid, , HTML, XML, JIRA