Ahmed Mirza
Quality Analyst / Lead
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Professional Experience

- Around **12+ years** of IT industry experience in Software Testing with Manual and Automation.
- Involvement in Test Design, Test Automation, Test Execution, Defect Reporting, Test Status Reporting, Test Closure Activities.
- Experience in Web Application testing and API Testing with manual and automation.
- Working experience in Agile Model.
- Experience in all phases of Software Testing Life Cycle (STLC), Software Development Life Cycle (SDLC), Bug life Cycle and Methods like Waterfall and Agile.
- Extended experience in systems testing, integration testing, UAT testing, positive and negative, functionality testing, and regression testing.
- Expertise in Manual Testing and Automation Testing and Service Oriented Architecture.
- Experienced with SOA, Web Services, SOAP, Soap UI, RESTFUL, WSDL technologies.
- Exhaustive Experience in Designing & implementation of Automation Frameworks including TDD, BDD, data driven, keyword driven, and hybrid using Selenium Web Driver, C#, JavaScript.
- Experienced in SQA (Software Quality Assurance) including Manual and Automated testing with tools such as Selenium RC/Web Driver/IDE/Grid, HP Quick Test Professional and Junit/Testng, Load Runner.
- Expert in developing Java Selenium Web Driver/RC/IDE/GRID test scripts using Java, JavaScript and Test Frame works using Testing/ Junit, ANT/MAVEN build tools.
- Experienced in using HP Interactive automated testing tools like Quick Test Pro and Quality Center
- Experience in working with open-source tools Selenium (Selenium IDE, Selenium RC, Selenium Web Driver), Eclipse and preparation of automation test framework.
- Extensive experience in using Automated tools like Ruby Cucumber test framework for Client/ Server, Web, and database applications.
- Involved in setting of QA Test environment with simulated POS test environment.
- Knowledge of Agile methodology along with Automation Tools and Protractor.
- Experience in writing test cases as per the Software requirement specifications.
- Experience in Back - end testing, data validation, Database testing using SQL queries.
- Executed automation test scripts using windows and Linux platforms for MFP products.
- Experience in writing and executing SQL queries to perform Data Validation and Back-end testing of databases to check the integrity of data.
- Hands on experience in medical domain as well Worked with providers and Medicare or Medicaid entities to validate Internet portals.
- Used Selenium as a Primary tool for Functional Testing and Cucumber as a Secondary tool for entire Regression Testing.
- Extensive experience in using Automated tools like Java Cucumber for BDD, Features, Scenarios.
- Implemented CI CD using Jenkins and configured Maven Build using Jenkins scheduled jobs. Launched Regression Testing via Jenkins.
- Excellent experience with source version control tools such as Subversion (SVN) & Git.
- Proficient as Mobile App Tester in testing Web applications and Mobile applications on iOS and Android Platforms.
- Built JavaScript based test framework using Protractor, Jasmine, webdriverio, node.js, angular.js.
- Wrote TestNG test suites, implemented Parallel Processing and Cross Browser testing with annotations like @BeforeTest, @BeforeMethod.
- Experienced in load and performance testing tool JMeter.
- Excellent analytical, problem solving, communication and interpersonal skills along with a good attitude for learning.
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Technical Skills

Testing Tools	Selenium WebDriver/IDE/GRID/RC 2.4, HP Quality Center, JMeter, Cucumber, Firebug, FirePath, Fitnesse, Soap UI, Coded UI, GIT, LISA, Microsoft Visual Studio, Android Studio, Protractor, Jasmine,
Programming/Scripting Languages	Java, JavaScript, Shell Script, C, C#, Python, HTML and XML.
Frameworks	TestNG, JUnit, TDD, BDD, Data Driven, Keyword Driven, Hybrid and Modular Frameworks, ATF (Automation Test Framework), Page Object Model, and Backend Testing.
Testing	Integration, Functional, Regression, Performance and Load Testing, Manual Testing, Black Box and White Box Testing.
SOA Technologies	SOAP, REST, WSDL, Web Services and SOAP UI.
Bug Tracking Tools	HP Quality Center, Bugzilla, Visual Studio TFS, JIRA
Methodologies	Agile, Scrum, Spiral and Waterfall.
Build/ CI Tools	Ant, Maven, Jenkins, Gherkins and Hudson.
Databases Technologies	MS SQL Server 2008/2012, OLAP and OLTP, Oracle, MS Access 2013/2010, SQL*Loader, DB2 and MYSQL.
Operating Systems	Windows 10, UNIX, and Linux.
Web Technologies	HTML, XML, CSS, JavaScript, Angular JS.
Firefox Add-ons	XPath and Firebug.
Networking Protocols	HTTP, FTP, SNMP and SSH, TCP, UDP, ICMP

Professional Experience

Liberty Mutual - Remote   **December 2019 to till date.**
Principal Test Engineer
Description: Inventory Management (IM) Brambles capitalizes on its unique position in the supply chain to enable customer collaboration and address sustainable development challenges, such as optimizing transport networks, addressing food waste, and promoting sustainable use of the world's forests. In this way, Brambles strives to create a circular economy, on a global scale. Brambles has used the Integrated Reporting 'capitals' framework to illustrate the interaction and interdependencies between its sources of value, business model and ability to create value over time.
Responsibilities:
- Prepared Test Plan, test Cases, Test scripts and Test Metrics for the application as well as for the database verification based on the functional requirements, portal redesigned and test specs.
- Worked in Agile environment, with an ability to accommodate and test the newly proposed changes at any point of time during the release.
- Evaluate and analyze Business Requirements, Functional Specification documents.
- Responsible for creating and maintaining automation acceptance test suite using Selenium, Ruby, and Cucumber.
- Developed and executed test plans, test cases and test matrices utilizing QA best practices and standards.
- Involved in designing and implementing hybrid automation framework to be used with Selenium Web Driver.
- Proven success in establishment of agile test practices including acceptance test automation using Cucumber (ruby scripting) during acceptance test driven development methodology.

- Used Maven for building the Web Driver project. Integrated with Continuous Integration tools Jenkins for running test on nightly basis automatically.
- Used Selenium WebDriver for automating Cross Browser Testing on IE, Firefox, Safari and Chrome.
- Used automated scripts and performed functionality testing during the various phases of the application development using Selenium.
- Configured Continuous Integration environment, using Jenkins to kickoff daily builds and automation suites Jenkins, Maven, and GitHub.
- Used Cucumber automated testing to test new and existing functionality.
- Handled the task of localization/Globalization testing for web and device portal with two junior team members for four languages. Coordinated UI Testing task with one junior team member.
- Gained product knowledge and attended various QA training.
- Expanded knowledge of product through Regression testing of easy modules
- Used Firebug/Fire Path Add-on tools to identify the Object's id, Name, Xpath, link in the application. Created automation scripts in SOAP UI using Groovy Script for web services testing.
- Developed test scripts for web services using SOAP UI and worked with XPATH.
- Tested request and response XML's based web services interfaces using SOAP UI.
- Performed Automation for regression using Selenium Web Driver and Selenium GRID.
- Used Quality Center for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
- Developed and executed SQL queries to verify the proper insertion, deletion and updates into the Oracle supporting tables and cubes.
- Prepared user documentation with screenshots for UAT (User Acceptance testing).

Environment: Java, Selenium WebDriver, Cucumber, TestNG, Maven, Ruby, Jenkins, JMeter, SOAP UI, GitHub, Agile, Firebug, FirePath, XPath, Eclipse, Quality Center, Oracle, Windows.

AHA, New York, NY – Remote   **February 2017 to November 2019**
Software Test Analyst
Description: This Project describes the process that is involved in Mortgage Industry, mortgage loan property evaluation, borrowers' eligibility, end to end flow of mortgage loan processing starting from loan origination to loan closure. Risk Services, Insurance Premium Transaction and Payment Maintenance. It has many types of products like appraisal service, fee services, MPX, MI, etc. It gives all the information about borrower and lender. There is an important entity named as provider that deals with the verification of property and provide services to lenders on their request.
Responsibilities:
- Analyzed the Business Requirements Document, put input in Test Plan and prepared detailed Test Cases for new functionality.
- Associated with development team to understand technical design and architecture for test planning.
- Designed and developed Page Objects using Page Object Design Pattern and Selenium WebDriver.
- Develop automated acceptance tests using technologies such as: Ruby, Cucumber, and Selenium.
- Developed Selenium Automation framework - Created a hybrid framework (Keyword and Data driven) on Selenium using TestNG.
- Automation of React.js applications using WebDriver (Selenium 2.0), Protractor, frameworks using JavaScript (ES6).
- Created and enhanced numerous test scripts to handle changes in the objects, in the tested application's GUI and in the testing, environment using Selenium WebDriver, TestNG and Jenkins.
- Developed Automation scripts for new enhancements using Selenium Web Driver and TestNG.
- Cucumber was used for the entire regression testing and functional testing with selenium as a primary tool to the test scenarios, Test cases and test conditions identified.
- Used Selenium WebDriver using TestNG and Eclipse for automation in Hybrid model.
- Configured Selenium WebDriver, Maven tool and created Selenium automation scripts in Java using TestNG prior to agile release.

- 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.
- Created automation framework in Selenium WebDriver using behavior driven approach like Cucumber.
- The entire Ruby scripting done using Cucumber Framework Wrote and executed SQL queries to verify the data updates to various tables and ensure data integrity.
- Extensively used Selenium (data-driven, XPath locator) and WebDriver to test the web application.
- Tested request and response XML's based web services interfaces using SOAP UI.
- Performed Web Services Testing and XML validation by creating test case suite using SOAP UI.
- Created whole test framework using Selenium for further test creation and execution.
- Regression test cases were written and automated using Selenium WebDriver.
- Tested compatibility of application for dynamic and static content under various cross browsers using HTML IDs and XPath in Selenium.
- Involved in validation testing using JavaScript.
- Updated Test Plans and Test Cases periodically to manage changes in requirements.
- Uploaded test cases executed test cases and logged defects in Mercury Quality Center.
- Connected to database to Query the database using SQL for data verification and validation.
- Performed back-end testing on Oracle Database by writing SQL quarries.
- Followed Agile testing methodology, participated in daily SCRUM meetings and testing each SPRINT deliverables.
- Participated in QA weekly meetings and various other meetings and discussed Enhancement and Modification Request issues and defects in the application.

Environment: Java, Selenium WebDriver, TestNG, Windows XP, Toad for Oracle 10.0, Jira, Test Link, Katalon.

Libra Insurance Services Ltd   **October 2014 to October 2016**
Software Test Engineer
Description: This Project describes Insurance services, Risk Services, Policy Maintenance, Premium Transaction and Payment Maintenance. It has the facility to take insurance policy and deals with registration of agents through the internet. It gives all the information about insurance like policies, agents, offices, glossary of insurance terminology, online services to some of the policies, information regarding expiry, renewal, and status enquiry. It comprises administrative level management, Front Office management and medical examiner module for tracking the health conditions of the customers.
Responsibilities:
- Determined test objectives through detailed analysis to automate features comprehensively.
- Developed, planned, and implemented automated test cases based on software requirements and technical understanding, as well as developed and extended the current test automation infrastructure to be more efficient, both in execution and reporting.
- Status reporting and test updating in Quality Center.
- Developed Test Framework in Selenium for UI Regression Test Automation and when necessary, and potentially execute Unit Test automation (Java/Junit).
- Created and executed database queries (SQL) to validate database data integrity.
- Used SOAPUI (use of groovy script) for test data setup in Test Driven Development.
- Updated test cases and test scripts according to changed requirements as well as using QuickTestPro for regression testing.
- Identified software capability and reliability by conducting functional, system, and regression and performance tests.
- Documented and reported test outcomes by collecting, analyzing, interpreting and summarizing data to the development team.
- Assisted in reproducing, investigating, and debugging software issues in coordination with the development team.

- Worked with minimal supervision, whilst being responsive in a fast-paced development environment. Also, mentored others in software testing best practices.

Environment: Selenium WebDriver, Test NG, Ruby, SOAPUI, Cucumber, Maven, XPATH, Eclipse, FirePath, Firebug, Python, HTML, XML, GIT Hub, agile, Quality center, Coded UI, Test Manager, Mobile Testing, SQL, Oracle, and Windows.

NextGen, US   **August 2010 to September 2014**
Software Test Engineer
Description: NextGen is a US Healthcare domain related application which interacts between provider (Hospitals) and payer (Insurance Companies) Consisting of the Modules such as Enterprise Practice Management, Electronic Health Records, File Maintenance, License manager Background Business Processor and Internal Control System (ICS). This provides the Information about the Patient, Policy details, Service provided by the Physician and the Status of the Medical Claims. This Project mainly focuses on the creation of patient information and Charge Entry as per the service provided by the Physician. The Medical Claim thus generated is forwarded to the Insurance Companies for the adjudication and payments.
Responsibilities
- Design Test Plan for manual testing for different releases that covers GUI Testing, Functional Testing, Integration Testing, Regression Testing, Interface Testing, End to End Testing and User Acceptance Testing
- Attend the daily stand up to provide works status.
- Analyze Product Requirement and write test cases based on the user stories.
- Update Test Cases according to the changes of BRD in Confluence
- Provide test estimation effort for each sprint.
- Log Defects using Jira and retest the Defects and close them in Jira.
- Used Rest API automation scripts using Java & rest Assured.
- Conducted cross browser testing on IE, Google chrome, Firefox, Safari Using Selenium Web driver API.
- Compare test Results for cross browser testing and updated them in Jira Confluence
- Provided sign off before deployment of the codes to production Optimized and maintained existing, developed new automation framework via Selenium.
- Used TestNG testing Framework as a test runner with Selenium.
- Created project and commit the code into GitHub.
- Generated html report at the end of every build.

Environment: Selenium WebDriver, Test NG, Ruby, SOAPUI, Cucumber, Maven, XPATH, Eclipse, FirePath, Firebug, Python, HTML, XML, GIT Hub, agile, Quality center, Coded UI, Test Manager, Mobile Testing, SQL, Oracle, and Windows.

Education - Bachelor of Technology in ECE from JNTU, India – 2008.