

## QA ANALYST/QA TEST AUTOMATION ENGINEER

### Summary

About 5+ years of experience in Software Quality Assurance Testing, Manual Testing, Automated Testing in Web, Windows, Server-Client Applications and Databases/ETL in variety of Applications. \*Involved in analyzing system specifications, design, development and execution of test plans and test cases for Manual and Automated testing. \*Strong experience in preparing test strategy, designing test plans, writing test cases, developing test scripts by decomposing business requirements and develop test scenarios to support quality deliverables. \*Proven ability in working with Selenium in Java using frameworks such as JUnit, TestNG and Cucumber. \*Strong experience in different life cycle of Project Management methodologies such as Waterfall and Agile Methodologies. \*Created and executed Manual and Automation test cases, raised defects and tracked the same to closure. \*Involved in reviewing and analyzing the functional requirement documents with the Business Analyst & stakeholders. Involved in daily sprints and scrum meetings. \*Leading the quality assurance efforts in line with SDLC and industry standards to deliver highest quality software. \*Experience in sanity, backend, front-end, functional, integration, regression, smoke, cross browser, cross platform, QTP/UFT, performance and stress testing. \*Scripting: Bash, ruby, python, ksh, perl, shell \* Prepared Test Plan and cases from the Business Requirements and Functional Specification. \*Participated in Defect-Review meetings with product manager, software developers, QA team, manager to prioritize defects & enhancements to the existing application from business perspective. \* Involved in reviewing and analyzing the functional requirement documents with the Business Analyst & stakeholders. \*Extensive experience in developing Test Plans, Test Scenarios, Test Cases, Test Matrices, Test Reports and documentation of Manual and Automated Tests. \* Experience in Test Management and Defect Reporting tools like HP Quality Center/ALM for analyzing requirements, documenting and executing test cases, defect tracking and status reporting. \* Designed and implemented Software configuration management (SCM) and change management (CM) solution using TFS. \*Extensive experience in preparing Test Plans, Test Scenarios, Test Cases, Test Reports and Test Documentation for both manual and automated tests. \*Proficient in creating queries in TFS to validate results of TFS reports \*Expertise in Agile Project Lifecycle, software development life cycle process (SDLC) including Requirement Gathering, Business Analysis, and testing. \* Expertise in Problem solving and Defect Tracking Tools like Quality Center, BugZilla, JIRA and Clear Quest. \*Experience in developing and maintaining test artifacts including Test Plans, Test Cases, Test Scenarios and Bug Reports using HP Quality Center (ALM), RQM (IBM Rational Quality Manager). \*Experienced in FitNesse tool for UI Automation and Automate Sabre Integration validation. \*Providing training to various products teams on Accessibility standards (WCAG 2.0& section 508), testing and usage of assistive tools. \*Involved in the Development and maintenance of EDW web application using JavaScript, Angular Js, HTML5 and CSS3. \*Perform Section 508 Compliance Testing and Evaluation, in accordance with Section 508 and Accessibility Standards. \*Updated the status of the testing to the QA lead, and accomplished tasked for the assigned work to the Project Management team regularly. \*Performed Defect Management in HP Quality Center/ALM and prepared Test Summary Report and product defect metrics. \*Has good knowledge on Software Quality Assurance and Black Box Testing. \*Good Knowledge on Web services concepts like web-request, response and WSDL etc. \*Involved in backend testing by writing and executing SQL queries. Good knowledge of writing and modifying UNIX scripts using commands and as per the UNIX requirements. \*Experience in complete life cycle development including Analysis, Design, coding, Unit Testing, Integration testing, Regression testing, system testing, UAT & Maintenance. \*Very good understanding of Data Warehousing concepts, Data Analysis, Data Warehouse Architecture and Designing. \*Knowledge in Analysis of Defect severity, Defect tracking System and Defect reporting. \* Motivated team player with strong Interpersonal skills, excellent communication and writing skills capable of handling multiple tasks and responsibilities at the same time.

### Skills

- C, C++, Java, C#, ASP.Net, SQL, PL/SQL, Python, UML, VB Script
- Databases:
- Oracle 11g/10g/9i/8i, MS SQL Server 2008, MYSQL
- Operating Systems:
- UNIX, Linux, Windows XP/2000/98/95
- Business Intelligence Tools:
- IBM Cognos 8.1.1/10,
- ETL Tools:
- Informatica Power Center 9.1, IBM Data stage 8.0/Microsoft SSIS 2005/2008.
- Test Management Tools:
- HP Quality Center 9.2, ALM, JIRA
- Business Intelligence Tools: Business Objects Enterprise XI 3.1, Crystal Reports 2008, Web Intelligence (Webi)
- Web Technologies
- HTML, HTML5, DHTML, CSS, CSS3, XML, XSD, XSL, XSLT, XPATH, AJAX, JSP, AngularJS, jQuery, JavaScript.
- Bug Tracking Tools

### Experience

#### QA Analyst/QA Test Automation Engineer

February 2016 to July 2017 Global Eagle Entertainment 1/4 Miramar

- Prepared Test Plan and cases from the Business Requirements and Functional Specification.
- Participated in Defect-Review meetings with product manager, software developers, QA team, manager to prioritize defects & enhancements to the existing application from business perspective.
- Developed test code in Java language using Eclipse, IDE and TestNG framework.
- Performed Data driven testing using Selenium WebDriver, TestNG functions and JDBC Connections which reads data from scripts using property and XML files.
- Developed Test plans, Test scripts, Test cases and execution plans.
- Involvement with mobile team & testing, ensuring Test Coverage and Functionality carry over from full site to mobile.

- Create test suites for functional and regression testing using HP UFT 12.02.
- Test plans and test cases using Visual Studio and TFS.
- Generated UFT scripts with standard checkpoints, validation checkpoints and also Synchronization Points.
- Automating scenarios using Gherkin, Cucumber and Selenium.
- Involved in Mobile Computing testing with Windows OS, iPhone, iPad and Android Essentials including cross-browser testing.
- Involved in the peer reviews of Test Plans, Test Cases with the QA team to verify implementation of new features and enhancements.
- Batch jobs include UNIX shell scripts which interact with Datastage designer ETL jobs and PL/SQL modules to update Oracle database.
- Setting up the test card data on the Debit Card Application (AO) for EMV and NON EMV debitcards.
- Performed database testing by using SQL queries.
- Preparing daily status reports and defect reports for daily sprints.
- Performed Smoke, Functional, Graphic User Interface (GUI), Regression Testing.
- Delegate to my team and perform black box and white box penetration testing services.
- Create and present a report on the penetration testing and vulnerability analysis results.
- Implemented automation using Selenium WebDriver, JAVA, Selenium Grid, and Maven.
- Experience in testing of Data Warehouse/ETL Applications developed in Informatica, Ab-initio, Data stage using SQL Server, Oracle, DB2, and UNIX.
- Ability to evaluate ETL/BI specifications and processes.
- Worked closely with team to create test scripts using IBM Rational Functional Tester (RFT).
- Analyzed LoadRunner scenario results.
- Wrote customized Unix shell scripts used to provide additional monitoring of production servers.
- Experience in writing test cases using element locators, web driver methods, java programming features and TestNG annotations in Selenium.
- Experience in Web Automation using Protractor and Jasmine framework for Angular application.
- Develop Automated Build System with Jenkins.
- Developed automation tests for Native and Web mobile versions using Appium and tested on simulated devices from Device Anywhere for functionality and integration of the Mobile application.
- Been a part of the SOA (Service Oriented Architecture) team enforcing best practices for services (REST and SOAP).
- Generated PL/SQL and shell scripts for scheduling periodic load processes.
- Proficient in API testing for SOAP and RESTful services.
- Proficient in manual testing and automation testing.
- Involved in different Mobile generations, from 2G to LTE and install/uninstall Native Apps.
- JIRA and Confluence data and system backup and re-instore.
- Experience in using UFT 12.0 and HP ALM.
- Involved in testing both SOAP and REST services using Rest Assured and tested both XML and JSON formats.
- Conceived, Designed, Installed and Implemented CI/ CD automation system.
- Experience in creating and updating Java test scripts using Selenium IDE and Selenium Web-driver.
- Reported bugs and tracked defects using JIRA.
- Proficient in writing SQL queries and performed back end testing using RDBMs concepts and proactively worked with Developers to ensure timely Bug Resolution.
- Involved in Client interactions and converting business functionalities into SOA models across heterogeneous IT environments.
- Performed Functional and Regression Testing using HP Unified Functional Testing (UFT).
- Performed Web Service Testing using Jmeter Tool by hitting specific IP Address.
- Using Jmeterchecked and verified Web Service request and response.
- Implemented services in modeling analytics platform using Grails and Groovy.
- Managed and executed the test process, using Agile Methodology.
- Developed BDD tests using Cucumber by writing behaviour and step definitions & developed required Selenium support code in JAVA for Cucumber.
- Defined and Managed QA Automation Framework with offshore utilizing Selenium and Fitnesse.
- Created Folder structure in MS Team Foundation Server (TFS) and uploaded Smoke TestAutomation scripts and mid-level Test Automation scripts.
- Developed SQL Queries to perform database testing.
- Performed Backend Testing using Toad.
- Tested APIs and endpoints via RESTful API.
- Reviewed code of others and checked in Git Repository.
- Develop automated UI Selenium WebDriver tests, using C# NUnit and Java TestNG.
- Developed tools to automate some base tasks using Python, Shell scripting and XML.
- Develop automated test scripts for the core modules using BDD (Cucumber - Ruby for web application and JBehave - Java for the POS application).
- Analyzed the log file on the back-end server in Linux environment.
- Developed scripts using ksh/perl/WSL to create new tools as part of automation of day to day activities.
- Expert in multiple skill sets including data analytics, development, Data warehousing testing Strategy and project management.
- Expert in Bug tracking using TFS, MTM, HP Quality Center/ALM, JIRA.
- Implemented backend functionality with Java using Android Studio.
- Involved in scope creation, script creation, configuration, execution, analysis, resolution, retesting in order to performance testing using JMeter.

- Automated processes for the build and install team using PowerShell and SoapUI.

#### QA Analyst/QA Test Automation Engineer

June 2011 to September 2013 American Modern Insurance Group i¼ City , STATE

- Fixing bugs reported by QA and performed unit testing using Microsoft Unit Test.
- Used Team Foundation Server(TFS) for source control and documented the entire application.
- Used Appium to facilitate mobile testing by creating mobile Driver class with the required mobile capabilities.
- Involve in web UI application over HTTP client request protocol.
- Implemented and documented testing strategies for the EFT processing environment.
- Wrote Automation scripts using PhantomJS driver to run the tests on headless browsers for automating order placement and account management scenarios.
- Excellent experience of build tools like Maven and managing JAVA automation projects using them.
- Supporting all Linux Cloud Servers Dev, QA and Prod Environment and assisting users.
- Worked as Scrum Master by conducting daily Stand ups/Retro/Grooming session when needed and involved in testing efforts as QA member during big releases along with support activities required by production support team.
- Involve in to develop BDD frameworks using Cucumber.
- Performed functional testing of SOAP & RESTful Web Services using SOAPUI Tool Used Java/Junit to run Cucumber feature and scenarios and generating report daily basis.
- Testing JavaScript web based applications.
- Automated test cases using Ranorex and Powershell.
- Configure and support code repository in GIT and Bitbucket and manage release branches.
- Involved in executing Test cases using Nunit test runner.
- Developed WCF services to save/get the data screen using C#, LINQ.
- Experience in business process analysis and mapping with in the Curam Application Suite.
- Used QTP/RFT to store and execute the scripts in a systematic manner.
- And also used the same data to generate the Reports in ALM.
- Performed Functional, Regression, RFT and End-End testing.
- Developed automation scripts using LoadRunner VUGen, UFT(QTP) and Selenium to make them flexible and useful for Regression testing.
- Created Analysis Report through LoadRunner Analysis and submitted Exit Report with Recommendations.
- Executed LoadRunner, UFT(QTP)scenarios using Performance Center and analyzed the results through LoadRunner Analysis to find the bottlenecks in networks and server resources including deadlock conditions, database connectivity problems and system crashes under load.
- IBM CURAM/Access Solution for Healthcare Reform Worker Portal and Client Portal (IBM software).
- Experience using robot Framework for automation of the application.
- Scripts development based on Ajax TruClient, WebServices, Web (http/html), and Citrix protocols.
- Experience in Selenium Robot Framework (Keywords, test suit, test cases and python script creation) for automation testing of BO reports.
- Experience in writing complex SQL, Oracle PL/SQL queries including calling stored procedures by passing parameters, functions using SQL Developer and Toad as development tools.
- Extensive knowledge on working with development of QNX Board Support Packages for multiple Intel (x86) and ARM development as well as production boards.
- Perform unit and integration testing for various applications using C++, Shell Scripting and Python.
- Involved in writing optimization techniques for more accuracy of Macros in C/C++, C++ routines and Oracle SQL, PL/SQL.
- Designed and Developed UAT Regression automation script and Automation of functional testing framework for all modules using Selenium and WebDriver.
- Used Grid to run parallel tests.
- Managed test suites using TestNG.
- Used Jenkins, GIT Hub to maintain full test repository (tests, changes, version controlling).
- Used SQL's for validating the data and also performed web services testing using SOAP UI tool.
- Involved on Python, Linux, Selenium, Perl scripting and Distributed defect reports to the team & walk-through each defect in daily defect meetings.
- Regression Testing was performed after defects got resolved in test environments.
- Troubleshoot defects in product through use of Visual Studio and MS SQL Server.
- Experience in sanity, backend, front-end, functional, integration, regression, smoke, cross browser, cross platform, QTP/UFT, performance and stress testing.
- Performed Automation Anywhere control room installation with clustered approach along with disaster recovery setup.
- Responsible for developing the Logic using C#.NET.

#### QA Analyst/QA Test Automation Engineer

April 2010 to May 2011 United Health Group i¼ City

- Fixing bugs reported by QA and performed unit testing using Microsoft Unit Test.
- Used Team Foundation Server(TFS) for source control and documented the entire application.
- Investigated bugs and interacted with developers to resolve technical issues.
- Experience in Selenium Automation using Selenium Web Driver, Selenium IDE.
- Planned and worked flexibly to meet the dead lines.

- Worked closely with the Business Users while performing User Acceptance Testing (UAT) in staging environment.
- Develop Functional/Regression automated testing solutions using QTP, traditional QTP framework, and/or Data Driven techniques.
- Analyzed Test specifications and written Manual Test cases for Black Box Testing.
- Performed testing on application Renewals to determine case is renewed and program determination given as per CURAM rules engine.
- Used Confluence Solutions, Base Camp, Bit Bucket, Hip Chat, and JIRA to gather and document information to develop QA test deliverables.
- GIT was used for version control which was managed through Bit Bucket.
- Testing Web Services through SOAP UI, Rest Assured.
- Set up and maintained continuous integration using Jenkins.
- Log defects and review them with UAT team, Development team, and managed in ALM, JIRA.
- Proficient in cross browser testing and using browsers' plug-in to break software applications like Firebug, Fire Path, XPath, Developer tools to track tags behind application under test.
- Performed Regression testing after bugs are fixed using QTP.
- Used tools like Git, Stash, Jenkins, Eclipse, IntelliJ, Artifactory, Confluence, and Jira as part of daily development tasks.
- Expertized in Business Process testing using Turnkey Solutions with HP QTP/UFT.
- Responsible for development HP QTP/UFT and Mobile automation strategy across multiple projects.
- Involved on Selenium, Python, Unix, C++, Linux, C, Perl scripting and Regression Testing was performed after defects got resolved in test environments.
- Used Bash and some Perl scripting for automated processes in managing disk space, deleting old logs via Crontab.
- Knowledge of Bug tracking Tools such as JIRA and Bugzilla.
- Perform WCAG 2.0 compliance testing on web pages to verify they meet required standards for people with disabilities, document results and notify developers on potential resolutions for issues found.
- Wrote test scenarios and test cases using Microsoft Test Manager.
- Experienced in White Box Testing by authoring python Codes in Selenium WebDriver.
- Involved in Preparing the Status Reports Every Week, which includes Revision History, test case status, metrics, QA Issues and Defects.
- Designed and developed Web-services using C#.NET, ADO.NET and XML to handle online transactions.
- Good experience in Web Services testing using SOAP UI, XML and WSDL.

#### QA Analyst

March 2009 to March 2010 ICICI Bank 1/4 City

- Run query accessing databases using SQL.
- Correcting scripts with programmers.
- Create test scripts and test plans (black box and white box) for all field service applications, online, background, accounting interfaces and conversion processes.
- Provide advanced technical installation and support assistance to client banks as related to the ATM mainframe applications, EFT network, Debit Card processing, EFT processing system and data communications.
- Knowledge of Network messaging structure and PULSE ISO 8583 message format.
- Experience testing with Paragon ATM simulators.
- Supplying and reporting accurate data findings.
- Also not limited to writing code and debugging in Microsoft Visual Studio.
- Creating and maintain automated testing scenarios.
- HTML5 was used to develop rich UI pages.
- JavaScript was used for validations at client side.
- Extensively used CSS to develop rich UI.
- Experience in Descriptive Programming using UFT.
- Designed Functional Libraries, Functions, Subroutines, Common functions, Regular Expressions and Environmental variables using UFT in VB script.
- Responsible for development of 508 Program processes and test analysis report based on government and industry best practices and standards.
- Setting compliance and protocol for software behavior.
- Created new automated test to verify software functionality is up to standard.
- Maintain the integrity of premium calculations being generated by the system.
- Update automated test to accept known system change.
- Collaborate with system developers, Business Analysts, and QA Developers to assure software Integrity.
- Update and fix old or broken previously existing automation test.
- Open tickets to system developers, QA developers to fix unexpected behavior through SharePoint system.
- Responsible for signing off and going forward with the overall system update among the multiple environments of software.
- Create Selenium WebDriver test in TestNG framework.
- Create test suites with advanced reporting using extent report.
- Java /Selenium WebDriver.
- Page object Model framework.
- Debug .net script in Visual studio.
- Use firebug/firepath to locate testable elements.

#### Education and Training

Engineering ( Information Technology) , 2009 Jawaharlal Nehru Technological University 1/4 City , State , India Engineering ( IT)  
Skills

, managing, meetings, memory, messaging, Access, C#, Windows OS, SharePoint, 2000, 3.1, 98, Windows XP, modeling, MYSQL, Enterprise, Network, networks, Operating Systems, optimization, Oracle Application Server, Oracle, Oracle database, Developer, Oracle PL/SQL, PL/SQL, Oracle SQL, Page, Perl scripting, Perl, POS, processes, product manager, Programming, project management, protocols, Python, QNX, QTP, Quality, QA, Quality Assurance, quest, Quick, RDBMs, reporting, Requirement, Robotic, scheduling, Scrum, Servers, shell, Scripts, Script, Shell Scripting, shell scripts, Scripting, SOAP, software developers, Specification, MS SQL Server, SQL, SQL Server, stories, Strategy, TOAD, Troubleshoot, UML, UNIX, UNIX shell scripts, UNIX scripts, upgrade, Validation, VB Script, Microsoft Visual Studio, Visual Studio, Web Intelligence, web pages, wiring, Written, x86, XSL, XSLT