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**Abstract:**

Accomplished, motivated, and responsible Software QA Automation Test Engineer experience in software quality assurance and software testing in various industries, projects, and environments. Specialized in writing test plans, test cases, setting up test environment, preparing test scenarios and test data, developing requirement traceability matrix, reporting and tracking defect, and developing test summary report. Solid understanding of Software Development Life Cycle (SDLC), Software Test Life Cycle (STLC) and QA test methodologies**.**

**Career Highlights**

* Extensive experience in testing application in government solutions, financial, and banking industries.
* Hands on experience in working with Waterfall and Agile (Scrum) development environment.
* Experienced in analyzing requirement and developing test planning and test strategy.
* Expertise in designing and developing test Cases and Test scripts for both manual and automated tests.
* Experienced in Quality Center, ALM, X-ray, Selenium and Post Man.
* Extensive knowledge in Java to create regression suites using Selenium (Web driver) tool.
* Experience in analyzing Business Requirements, Functional and Technical Specifications.
* Expertise in developing test scenarios, preparing test data, executing test scripts, linking requirements to test cases, creating bug documentation, and reporting test summary.
* Experience in manual and automated testing using industry standard testing tools such as Quality Center, Jama contour, X-ray and Selenium.
* Experience in estimation of testing efforts in coordination of test schedules with overall project schedules.
* Experience review and analyzing System Change Request (SCR), and Modification Requests.
* Excellent knowledge in Microsoft SQL Server database.
* Specialized in Smoke, Functional, Positive, Negative, Integration, System, Regression, and User Acceptance Testing (UAT).
* Expertise in developing and maintaining Test Matrix and Traceability Matrix and performing Gap Analysis.
* Ability to handle multiple tasks independently as well as collaboratively with team members in testing complex projects.
* Experience in document management and project management using Jira confluence.
* Enjoy working collaboratively with testers, developers and other team members in testing complex projects and in the overall enhancement of software product quality.
* Ability to prioritize to meet project milestones and deliverable dates.
* Self-starter, strong leadership skills, positive attitude, and attentive to detail.

**Technical Expertise**

Testing Tools : JIRA, Quality Center, DeviceAnyWhere, Perfecto Mobile, Selenium, Talend, ,JAMA Contour, Sparx (Enterprise Architect), Rest Assured, Microsoft App Dynamic. Azure DevOps, EGit, Post Man, Playwright

Languages : XML, MS SQL, , VB Script, Java, Json, Typescript

Databases : Oracle, MS SQL Server, Squidex CMS

SCM Tools : Git, Git Hub, VSTS

Operating Systems : Windows 2000/2003 /Vista/XP/2007 and UNIX.

Application : SharePoint, MS office

**Education**

Bachelor of Science, Montclair State University, Montclair, NJ

**Professional Experiences**

**Lexisnexis risk Solutions 07/2021 – Present**

**Quality Assurance Engineer III**

**Responsibilities:**

* Working under the team called Testing center of Excellence which was responsible for all the testing governance activities across the Lexisnexis risk solutions.
* Thorough out the project in various iterations/sprints- conducted functional testing, integration testing, backend testing and API testing.
* Working experience in a cross-functional team environment/different geographical location teams
* Experienced CMS database for executing queries.
* Good hands-on experience in designing Automation Frameworks including Data Driven and POM (Page Object Model) using Playwright.
* Worked collaboratively and proactively with Product Manager, PM and Development scrum teams and others to design and develop effective automation solutions, troubleshoot issues and resolve bugs.
* Strong experience in automating web application testing using Playwright with Cucumber framework.
* Good experience on build and configuration tool Nodejs.
* Used Git Bitbucket as code repository and code collaborator to manage code reviews.
* Hands on experience in testing the AngularJS based application using Playwright.
* End to End Testing of the complete website which was developed using Angular.JS, JavaScript, HTML5, CSS3 and other web technologies.
* Designed manual test cases and BDD feature files from requirements through cucumber on a data driven framework using Playwright
* Created test case and verified web services API requests, REST Protocols.
* Well versed with handling Elements in Playwright.
* Write test cases using element locators, Playwright methods, Typescript programing features and Mocha annotations.
* Establish the testing pipeline process in CI/CD in Teamcity DevOps.
* Performed the requirement analysis and documented the requirements using Jira.
* Involved in creating Requirements Traceability (RTM) report and as well as to map the requirements to test cases.
* Logged defects in Jira and updated the status of bugs as they moved to different stages.

**Environment:** Confluence, Squidex CMS, Microsoft Service bus, Git, Post Man, VS Code, Playwright, Mocha, Chai, Typescript, TeamCity, Docker, Git Bitbucket.

**Managed Health Care Associates. Inc (MHA)**

**Sr. Automation Engineer 04/2018 – 07/2021**

**Responsibilities:**

* Thorough out the project in various iterations/sprints- conducted integration testing, functional testing and backend testing.
* Automated test scenarios for GUI, functionality and performed data driven testing on the application inserting different data using Selenium.
* Participated in peer reviews of functional specifications, application previews, and test plans/test cases.
* Tracked and monitored bug trends, fixes and problems.
* Evaluated the status of projects based on completed test cases and unresolved defects
* Performed end to end Manual Testing for testing functionality of the application
* Involved in writing SQL queries for backend testing and to verify the database of the records, and validate them.
* Use Jira for issue tracking and project tracking for software development teams to improve code quality.
* Working experience in a cross-functional team environment/different geographical location teams
* Experienced in MS SQL Server database by executing SQL queries.
* Good hands on experience in designing Automation Frameworks including Data Driven and POM (Page Object Model) using Selenium.
* Strong experience in Automating Web Application testing using Selenium WebDriver with TestNG framework.
* Good experience on Build and Configuration Tool MAVEN.
* Created test case and Verified Web services API requests, REST Protocols.
* Well versed with handling Elements in Selenium WebDriver.
* Write Test cases using Element locators, WebDriver methods, Java programing features and TestNG Annotations.
* Involved in Creating Requirements Traceability (RTM) report and GAP Reports in a Jira containing all the requirements contained in Jira, along with respective attributes (Draft, Deleted, Obsolete, in review, Approved) as well as to map the requirements to Test Cases.
* Logged defects in Jira X-ray and updated the status of bugs as they moved to different stages.

**Environment:** JAVA, Jira, Selenium, Confluence, MS SQL Management studio, Microsoft App Dynamic. Azure DevOpps, Git, Post Man, Eclipse and Visual Studio.

**Department of Information Technology and Telecommunications (DoiTT)**

**Automation Engineer 10/2015 – 03/2018**

**Responsibilities:**

* Participate in needs and requirements gathering activities- Conduct Interviews, Group workshops and surveys to determine end user operational, functional, performance, security availability, maintainability needs and requirements.
* Granting roles and permissions to users, creating user groups, customizing projects, creating new fields and setting their properties, configuring auto-mail, writing workflow scripts and customizations QC\ALM administration.
* Develop a use case and process flow diagram for Text to 911 system using Enterprise Architect Tool.
* Performed the requirement analysis and documented the requirements using contour.
* Involved in Creating Requirements status report and GAP Reports in an excel spreadsheet containing all the requirements contained in contour, along with respective attributes (Draft, Deleted, Obsolete, in review, Approved) as well as to map the requirements to Use Cases and Use cases to Test Cases
* Logged defects in Quality Center (QC) and updated the status of bugs as they moved to different stages. Validated reports using Business Objects reporting tool
* Working experience in a cross-functional team environment/different geographical location teams
* Exposure to FDCAD domain. Excellent in understanding Business from the requirement and converting them to test cases.
* Experienced in MS SQL Server database by developing and executing SQL queries.
* **Environment:** JAVA, HP ALM, Jama Contour, Enterprise Architect Sparx.

**Accenture, New York City, NY**

**Automation Engineer 02/2015 – 10/2015**

**Responsibilities:**

* Involve in gathering/analyzing the System Requirement Specification (SRS), Functional Requirement Specifications (FRS) and software design document.
* Designed and implemented different automation frameworks from scratch like Page Object framework, Keyword Driven framework, Data Driven framework and Hybrid framework for several projects.
* Facilitate resolution and communication of cross- functional team on issues and decisions
* Created test data/conduct database queries as required to evaluate software functionality.
* Prepared automated scripts for Maintenance and Regression testing.
* Performed Front End and Functionality Testing using Selenium.
* Automated test scenarios for GUI, Functionality and performed data driven testing on the application inserting different data using Selenium.
* Participated in peer reviews of functional specifications, application previews, and test plans/test cases.
* Tracked and monitored bug trends, fixes and problems.
* Evaluated the status of projects based on completed test cases and unresolved defects
* **Create** new bugs and track status of bug using HP ALM.
* Used HP ALM/Quality Center to organize and manage all phases of the software testing process, including planning tests, executing tests, and tracking defects.
* Participate in design Walkthroughs and Inspection meetings to review Test scripts and results.

**Environment:** JAVA, JIRA, HP ALM, Quality Center, Selenium, MS SQL, TOAD, SharePoint, GIT, JAWS, WAVE

**Booz Allen Hamilton, Rockville MD 05/2014-02/2015**

**Automation QA Test Analyst**

**Responsibilities:**

* Involved in SCRUM sprint planning meeting and backlog review meeting.
* Maintained and update test plans, test cases, test environment, and testing software through test life cycle.
* **Create** new bugs and track status of bug using HP ALM (Application Life Cycle Management System).
* Used HP ALM to organize and manage all phases of the software testing process, including planning tests, executing tests, and tracking defects.
* Worked with Users and Business Analysts to define and design test scenarios and test data.
* Created the Regression Test cases and automated them for the purpose of regression testing.
* Developed and maintained automated test scripts to support regression testing and participated actively in system testing and regression testing.
* Used the data driven testing and database accessing techniques to support the scripts.
* Wrote Test Summary Report at the conclusion of the test cycle.
* Conducted manual functionality and regression testing for each build and version.
* Documented errors and implemented their resolutions.
* Wrote SQL queries to test Data Integrity, and Referential Integrity in backend database.
* Used Quality Center for bug tracking and reporting, also followed up with the development team to verify bug fixes and update bug status.
* Prepared and executed Test cases as per the Functional requirement document
* Developed Requirement Traceability Matrix for each project to ensure all requirements are mapped to test.
* Enhanced the test scripts through Check Points and Parameterization.
* Used quality Center to manage and execute test cases.

**Environment:** . JAVA, JIRA, HP ALM, Quality Center, Oracle, TOAD, SharePoint, DeviceAnyWhere, Perfecto Mobile.

**NetStar System International Inc, Reston, VA 05/2013- 05/2014**

**QA Test Engineer  
Responsibilities:**

* Designed and Executed Test Cases.
* Prepared the Traceability Matrix for mapping the Requirements with the Test Cases through Quality Center.
* Interacted effectively with peers, management and cross-functional teams to address and resolve issues
* Developed Test Scenarios against Software Requirement Specifications
* Performed Functionality Testing and GUI Testing.
* Performed Backend testing by extensively using SQL queries to verify the integrity of the database.
* Participated in weekly meetings with the management team and walkthroughs.
* Involved in Manual User acceptance testing with various combinations.
* Performed Performance Testing to identify abnormalities in the web application.
* Developed test cases based on business and functional requirement.
* Tested the final application for Usability testing to verify whether all the User Requirements were created to by the application.
* Maintained Requirement Traceability Matrix (RTM).
* Maintaining status reports and communicating with the Management regarding progress of work.
* After successful development and testing of the product, participated in User Acceptance Testing, product release and deployment to end-user.

**Environment:** Quality Center, JAVA, HTML, MS-SQL Server, UNIX, Windows.