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**Sr. QA Automation Engineer**

**SUMMARY:**

* Having over 9+ years of experience in software Quality Assurance Testing (QA) in Manual and Automation in all phases of Software testing life cycle (STLC) including requirement analysis, Test planning, Test cases design, Test environment setup, Test execution and Test reporting.
* Experience in **Mobile Testing** using tools like **Appium, Selendroid, UI Automation**.
* Expertise in performing different types of Testing: **Black Box Testing (Functional Testing), System Testing, Integration Testing, Regression Testing, Acceptance Testing, Sanity Testing, Back End Testing, GUI Testing, Adhoc Testing and API Testing on web services (SOAP and REST)**.
* Experience in developing, Test cases, Test Strategy, Test scenarios and Test Scripts based on User requirements and System Requirements Documents for **Functional, Security, Performance, Configuration, Regression, Integration, Usability Testing** and **Cross- Browser Compatibility Testing.**
* Strong knowledge of **Software Development Life Cycle (SDLC)** as well as **Software Testing Life Cycle (STLC)** and the Role of QA in different testing methodologieslike **Agile, and Waterfall** etc.
* Proven ability to work with **Appium** tool integrated with complex architecture to automate Mobile Applications and executing test cases for validating **GUI** and system functionality on desktops and mobile devices including **Android** and **iOS**
* Experience in working with open-source tools like **Selenium (Selenium IDE/RC/GRID/Webdriver), SOAP UI, Fiddler and Firebug** and preparation of **automation test framework.**
* Experience in Understanding the code written in different programming languages **Java, Python, Java Script, SQL.**
* Expertise in automation using Selenium **WebDriver**, with **Java** on **TestNG** and **Junit** library
* Experience on working **SOA**, **XML**, **XSD** and **XSL**, **XPATH** and designing Web Services using **WSDL**, **SOAP**, **RESTFUL** and used Testing Tools for Web Services like **SOAPUI**, API Testing
* Experienced in using Version Control Tools like **SVN** and **GitHub**.
* Solid experience on build Management tools like **Maven/ANT** and continuous Integration tool **Jenkins** Possess good knowledge in writing test cases in **Python** for automation purposes.
* Experienced in automation testing using **Selenium.**
* Tested applications on multiple platforms - **web, Android and iOS.**
* Designed and implemented different automation frameworks like Page Objects framework, Keyword Driven framework, Data Driven framework and Hybrid framework
* Strong in performing database **backend testing** and in writing **SQL Queries.**
* Exposure to web technologies like **HTML, XML, CSS.**
* Worked with **Quality Center** to trace the requirements, write the Test Cases in the test plan, execute the Test Sets in the test lab and track the Defects logged in the defect’s module.
* Participated in full **SDLC** and handled complex projects involving the different phases of **SDLC** like requirements gathering, design, coding, testing and maintenance.
* Excellent skills in overall Defect Management/Problem Solving including tracking bugs, reporting using **Quality Center, Jira.**
* Ability to understand client requirement and provide with the best solution.
* A resourceful team player with good Interpersonal, effective problem solving and decision-making skills. Looking ahead for great career in a fair working environment with opportunities to grow.

**TECHNICAL SKILLS:**

* **Testing Tools**: ALM 11, QC, TFS, Test Track, Selenium Web Driver/IDE/GRID, UFT, HP Quality Centre, JUnit, Cucumber, Firebug, Fire path, TestNG, JXL, SOAPUI, Coded UI, Appium (Mobile Testing)
* **Programming Languages:** JAVA, Python, Ruby, VBScript, GHERKIN
* **Web Services:** SOAP, REST, WSDL, SOAP UI.
* **Scripting Languages**: Java script, VB script, XML, HTML, SOAP, JDBC
* **Bug Tracking Tools:** ALM 11, Test Track, Quality Center, JIRA
* **Database:** Oracle, SQL Server, MS Access, MySQL
* **Web Servers:** Tomcat, Web Sphere, Web Logic
* **Operating system:** Windows, MAC, Linux, UNIX
* **Frameworks:** Junit, TestNG, TDD, BDD, Protractor, Jasmine
* **Continuous Integration Tools:** Jenkins, Hudson, Cruise Control
* **Testing Strategies:** Integration, Unit, System, Black Box, White Box, UAT.

**Certification:**

* Certified RPA Uipath Developer
* International certificate in ISTQB - Foundation level

**Professional Experience:**

**Client Baxter Healthcare, IL JULY- 2021- Till Date**

**Lead QA Automation Engineer**

**Roles & Responsibilities:**

* Collaborating with Business team to understand the business background and clearly define the scope and key objectives of the project.
* Participate in the development and support of the testing program aimed at supporting multiple testing efforts simultaneously.
* Participate in business process re-engineering of complex business situation.
* Developing manual test plans and test cases by coordinating with developers
* Actively participating in the development and review of User Stories
* Utilize appropriate testing tools for both front-end and back-end Quality Assurance
* Identifying functionalities to be automated for regression.
* Coding, styling, testing of reusable java script, CSS3, HTML5 widgets / libraries for complex UI controls
* Testing of database using SQL and oracle queries (using simple, complex and stores procedures)
* Collaborate with cross-functional teams to utilize effective strategies to ensure quality throughout the software development lifecycle
* Performing both manual and automation testing of the web applications
* Working extensively on building automation frameworks
* Describing Existing Automation Architecture, Participate in Design and Architecture Meeting.
* Leading and coordinating the automated development strategy for the sprint.
* Performed automated test run using Selenium, Java.
* Validated SOAPUI and Restful API services
* Functional and exploratory Test in DEV and System builds and make sure no defect slip into production build.
* Updating all manual and automated test cases in ALM.
* Testing new functionalities based on the new requirements and coordinating with development team in fixing the issues.
* Design/Architect test automation framework and develop the new test automation libraries; Tool – Selenium.
* Maintain the code repository in GIT.
* Implement QA process and automated testing for all the work streams to improve the overall testing cycle.
* Working extensively on Java applications
* Performing Positive and Negative testing by inputting valid and invalid data
* Participating in weekly Backlogs grooming meetings
* Worked in Modern Agile environment.
* Attending the scrum meetings.
* Performing Acceptance Testing for every release of web application
* Performing Regression testing to ensure that changes made to software does not introduce new bugs
* Expanding existing suites of automated tests including updating and executing existing selenium test scripts using selenium webdriver and java.
* Automation using TestNG framework with selenium webdriver for the application.
* Mentoring other team members on current application and automated test cases
* Assisting with validation testing activities and field related support by responding to expected functionality queries, test reviews, and investigation of software behavior
* Updating/creating verification-and-support related documentation as assigned
* Using Jenkins to build the code and was kicked off on a nightly basis whether or not all the regression scripts were working

**Environment:** Java 11.0, Java script, ALM, RESTful web services, Postgres SQL, Jenkins, Jira, Python, Selenium, SOAP UI, Agile methodologies.

**Client: Creospan MO Dec 2020 –July 2021**

**Role: QA Automation Engineer**

**Responsibilities:**

* Performed Manual Testing and Automated Testing for Client/Server application and Web-based application that used WebSphere, Message Queuing, Active Directory, UNIX, Windows, and XML message-based system in an Agile software development environment.
* Follow and contribute to Agile/SCRUM activities (e.g. daily stand-ups, retrospectives, iteration planning, estimate/reporting, acceptance criteria definition).
* Involved in SOA Testing, Validation and Virtualization using CA LISA and extended Web Services Test in a Low impact way using CA LISA.
* Assist in building out and testing API endpoints (Java).
* Attend Functional Requirement and Design review meetings to obtain the technical knowledge to become proficient in assigned products.
* Configured Selenium WebDriver, TestNG, Maven tool and created Selenium automation scripts in java and Python using Junit prior to agile release
* Develop and manage Test plans strategy and test cases. Facilitate test plan and test case reviews.
* Coordinate workload and activities for 12 QA testers for both onshore and offshore.
* Plan, estimate, schedule, assign and direct the work of activities for QA Team to onshore and offshore agencies.
* Conduct verification testing, regression testing and automated testing with onshore and offshore team.
* Familiar with database concepts and running SQL queries.
* Developing Appium Scripts for Native Android/iOS using Java.
* Identifying Objects of App using Apple UI Automator tool for Android and Appium Inspector for IPhone.
* Used different types of virtual devices (Emulator & Simulator) and real devices for Test cases Validation.
* Developed and maintained automated regression test cases in Selenium WebDriver using Core Java, python programming language and Junit Framework.
* Performed Functional Testing through QTP using VBScript Scripting language.
* Daily meeting with onshore and offshore QA team to discuss critical issues regarding QA activities.
* Manage all issues (defects and service requests) in Microsoft TFS Defect Management bug tracking system and ensure all issues are tracked from open to closure.
* Present test metrics and execution reports to upper management in a timely manner.
* The entire java scripting done using Cucumber framework wrote and executed SQL queries to verify the data updates to various tables and ensure data integrity.
* Used Jenkins server to execute automation scripts on a regular basis by scheduling Jenkins jobs in a different test environment with different test configuration.
* Involved in tracking, reviewing, analyzing defects using the Quality Center.

**Environment:** Selenium WebDriver, Selenium Grid, Appium, Jenkins, SOAP UI, QTP, JMeter, Load Runner Maven, TestNG, Quality Center, Fire path, Firebug, VBScript, Eclipse, XPATH, Java, HTML, CSS, TDD, SQL, Oracle, and Windows, Appium.

**Client: Malauzai, Austin, TX June 2020 –Dec 2020**

**QA Test Engineer**

**Roles & Responsibilities:**

* Participated in full phase of project's SDLC right from design, development, testing and implementation of application.
* Review Test Requirements, Creating Test Plans and Test Strategy documents.
* Testing Schedule Preparation Monitoring and Tracking Testing Activities
* Preparing and Executing SIT test Cases/Scripts in HP Quality Center, Creating Functional/Regression Test Cases in HP Quality Center
* Involved in UAT testing in UAT environment, Prepared UAT test cases and testing estimates.
* Developed Test Scripts using Functional Requirement Documents. Test scenarios are created for Positive, Negative, Boundary cases, etc. Performed all types of testing on workflows and server software.
* Documented software defects using bug tracking system and reported defects involving program functionality, output, online screen and content to software developers.
* Coordinate in administering and managing the bugs in Defect Tracking Tool and Preparing and Managing the metrics
* Assist developers to reproduce the defects.
* Provide daily status report, defect matrices, daily updates to provide daily status report on task assigned to the Project Manager/Client.

**Environment:** .Net, Windows, Quality Center, Jira, MS Office, Manual testing, Regression testing, SharePoint, Functional testing, UAT, Defect Report-Metrics-Assignments, Test Strategy documents, Requirement’s assignment Document.

**Liquid hub, Hyderabad, India Aug 2016 – Nov 2019**

**Role: Manual QA Tester**

**Responsibilities:**

* Played the role of Test lead by handling the team of 6 members.
* Understanding the scope of the project and collaborating with the squad effectively to understand the business needs.
* Performed domain testing based on the scope of the release.
* Understanding the requirements which may impact the existing code, picking up the functional scenarios and performing e2e regression to make the existing code is not impacted by any new code.
* Active involvement in release meetings to identify the scope of testing and preparing the Test Plan.
* Validating Documents, Peer Review of Regression Scenarios and Test cases.
* Participating in Sprint planning, Review, Retrospective, daily stand up meetings, Demos, External KT’s, Internal KT’s and communicating and addressing the progress of testing process and issues effectively without any gaps.
* Involved in all phases of Software Development Life Cycle including design, development and creating test cases.
* Analyzing the challenges and finding the solution.
* Assigning the task to team and sending the daily status reports to the clients.

**Trigent Software Ltd, Bengaluru, India July 2012 – July 2016**

**QA Engineer**

Trigent provides business and technology solutions by leveraging state-of-the-art tools and industry best practices to meet complex challenges. Our expertise in infrastructure and applications management helps optimize IT into a strategic asset. Whether you need to differentiate your company, reinvent business functions, or accelerate revenue growth.

**Responsibilities:**

* Responsible for periodic updating of Test Plans and Test Cases as per Requirement Specifications and Business rules.
* 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 Web Driver.
* Performed REST API testing by POSTMAN
* Performed back-end testing using SQL queries to validate the data in the back-end SQL Server.
* Experienced in working with Multiple Browsers and Cross Platform environments on different OS and Mobile Device.
* Creation of detailed test cases by understanding the user requirements for Manual Testing.
* Creation of test plans, test scenarios, test cases, test data and test scripts for different types of testing activities.
* Logged and kept track of all Defects till their closure using HP Quality Center.
* Created and maintained Test Data on Excel sheets.
* Attended QA Walk through meetings with Team Members this includes Applications Review, technical specifications review, functional specifications review and defects tracking.
* Attending Client interaction calls for systems analysis, requirements gathering for the preparation of test case document & test data. Mapping client/business requirements.
* Verifying change requests and defects, documenting, tracking, and communicating test results and unresolved problems, explaining system bugs to programmers.

**Environment:** Agile/Scrum, JAVA, Selenium Web Driver, Selenium Gird, Eclipse, JIRA, SQL, CQL, Postman, SOAP UI, API, XPath, Eclipse IDE, HTML, XML, JSON, Maven, TestNG.

**Education:**

* Bachelor of Technology in ‘Computer Science’ at Sasi Institute of Technology & Engineering-2012, India.