**Komal**

**Automation Engineer**

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**Professional Summary:**

* 5 years of experience in Information Technology, with specializing in Software Quality Assurance Testing, proficient in testing on Client-Server and Web-based applications
* Extensive working experience on all phases of Software Development Life Cycle (SDLC), its methodologies such as Agile, SCRUM and Waterfall Model.
* Expert in Testing Life Cycle (TLC): Including Planning Process, Test Design, Performing Test, Defect Tracking, Management and Test Reporting.
* Experienced in maintaining the Requirements Traceability Matrix (RTM) and verifying forward and backward traceability between Requirements and Test cases.
* Expertise in understanding Business Requirement Specifications, Functional Specifications and Design documentations and converting them into comprehensive Test Scenarios with Test Strategies and Test plans.
* Well versed with various testing stages, levels, phases, testing types, testing techniques and quality work products.
* Well versed in designing and implementing automation scripts using Selenium Web Driver, JUnit and TestNG.
* Experience in building different automation frameworks such as Data driven, Page Object Model, BDD.
* Strong hands on experience in designing Hybrid framework which is combination of Key word driven development and Data driven development.
* Work experience in integrating Automation scripts (Selenium WebDriver API) on Continuous Integration tools Jenkins for nightly batch run of the Script.
* Experience in development of Data driven, Keyword driven and Hybrid Automation frameworks in Selenium.
* Good working experience on SOAP UI for testing and validating various web services used in the application.
* Extensive experience in reviewing and analyzing Business Requirements and creating Test Plans, Test Cases, Test Scripts, Test Estimation & Requirement Traceability Matrix.
* Professional expertise in Smoke Testing, Backed end Testing, Black-Box Testing, User Acceptance Testing (UAT), Functional Testing, Positive/ Negative Testing, System Testing, Regression Testing, GUI Software Testing, Ad-hoc Testing, Cross Browser/ Cross Platform Testing, UI Validation, Web Services, Boundary Value Testing.
* Experienced in testing client server and web-based applications using HP tools like Quick Test Professional (QTP), Unified functional Testing(UFT), Quality center (QC), and Application lifecycle Management(ALM).
* Experience in performance of Build Validation and Verification, Boundary Values Analysis, Equivalent Classes partitioning, Smoke (Sanity), Functional, Integration, System, Regression, Ad-hoc (Exploratory), Cross–Browser, User Interface and User Acceptance tests (UAT).
* Good exposure in preparing weekly status reports to keep track of project deliverables, attend and follow up items discussed in stand up and scrum meetings.
* Ability to quickly adapt to different project environments, work in teams and accomplish difficult tasks independently within time frame.
* Hands-on Experience in cross browser testing using Selenium WebDriver in Java and TestNG framework.
* Extensive experience in writing SQL and PL/SQL scripts to validate the database systems and for backend database testing.
* Experience in defining Testing Methodologies, Designing Test Plans and Test Cases, Verifying and Validating Web based and Client/Server applications.
* Knowledge in source version control tools such as Subversion (SVN) and Git.
* Responsible for analyzing Requirement Documents and Design specifications for the stories
* Expertise in Manual, Mobile/Device, Cross-browser, Regression, UAT, exploratory, black box, smoke and functional testing.
* Experience in writing Test Plan, defining Test scenarios and Test Cases, developing and maintaining test scripts, analyzing bugs, interacting with QA and Development teams to track and close bugs.
* Excellent interpersonal, verbal and written communication skills with the ability to collaborate and interact confidently with multifunctional teams that include programmers, project management, Systems Analysts, Business Process Engineers, and staff at all levels.

**Technical Skills:**

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| Test Approaches | Waterfall, Agile/Scrum, SDLC, STLC, Bug life Cycle |
| Testing components and Frameworks | Selenium WebDriver, Selenium Grid, TestNG, Cucumber, Page Object Model, Keyword Driven, Data Driven, ATDD, BDD, Hybrid. |
| Testing Tools | Quality Center, HP QTP |
| Development Methodologies | Agile/ Scrum, Waterfall  |
| Programming Languages | Java, SQL |
| Database/Database Tools | SQL Server, Oracle, MySQL |
| Browsers | Mozilla Firefox, Internet Explorer, Safari, Google Chrome |
| Operating Systems | Windows XP, UNIX, LINUX, MacOS |
| Utilities | Eclipse, MS Project, Outlook, Excel, PowerPoint, MS Access, Word |

**Professional Experience:**

**Sage Telecom, Dallas, TX Apr 2019 to Present**

**Automation Engineer**

* Writing and executing test cases to validate whether the functionalities match the requirements specified.
* Performing Manual and database testing to test bank customer on-board application.
* Performed functional tests using Selenium WebDriver with data driven framework and generated Extent report for test cases execution summary.
* Creating Selenium web-driver automation using Java for various functional flows in web-interface.
* Performing Data driven testing using Selenium WebDriver, TestNG functions that reads data from scripts using XML files.
* Executed of automated Test Scripts through Maven and used maven for building the WebDriver project.
* Conducting Sanity, Integration, and System Testing of the application.
* Writing the test plans, test cases, and test scripts.
* Acquiring Requirements from the Business Analysts, and Development teams.
* Converting Business Requirements and Design Documentation into Test Cases and Test Scripts.
* Writing numerous test cases based on test strategies, BRD, FRD, and CR.
* Developing test cases for various testing approaches.
* Organizing the test environment for various kinds of tests.
* Working on SQL queries, worked on nested queries, extensive use of backend queries.
* Conducting backend testing using Toad and SQL Queries.
* Conducting Regression testing after every new build and version.
* Performing Front End testing and back end.
* Participating in weekly planning meetings to develop enhancements and deliver information in a timely manner.
* Conducting Negative and Positive testing.
* Working with the users, development team and product testers for User Acceptance Testing and accordingly sharing data.
* Ensuring that all Entrance and Exit criteria were properly met.
* Working with Confluence for document storage.
* Performing Gap Analysis while maintaining Test Matrix and Traceability matrix.
* Performing different types of testing like Integration, System and Performance Testing.
* Interacting with the team members on the daily basis, Communicated testing status.
* Managing the testing process in Service Now application as well as updating and closing defects.
* Compiling all test scripts and enter tests into Service Now.
* Participating in SOAP based web services testing using SOAPUI web services testing tool.
* Participating in breaking down the User Story into Tasks and assigning.
* Using HP ALM to store Test Plans, Test Cases, and Test Scripts and for bug tracking as well as to record documenting information useful in debugging process, evaluating test data.
* Participating in daily meetings and weekly meetings for reviewing progress and addressing issues and concerns.

**Environment**: Selenium (WebDriver, Grid),SOAP UI, JMeter, Web Services, QTP, HP ALM, MS Office, SQL

**Banner Health, Phoenix, AZ Sep 2017 to Mar 2019**

**Automation Engineer**

* Worked in an Agile environment and team focusing on sprint by sprint deliveries.
* Contributed to sprint planning, sprint review, retrospectives and daily stand-ups meetings.
* Developed test automation scripts using Selenium WebDriver for regression and sanity testing of the various releases of the application.
* Developed Selenium scripts in TestNG for parameterization Developed data driven test scripts to check the same functionality with multiple sets of data.
* Performed manual testing of each build and then regression testing using Selenium WebDriver.
* Implementing automation framework in Selenium Web Driver and TestNG using behavior driven approach.
* Created RTM Matrix, ensured the Test Planning, Testing Strategy, Test cases, Flows are capturing and covering all the Functional/Non Functional requirements.
* Configured Selenium Grid for parallel execution of scripts on different machines in different browsers.
* Performed Web services automation testing using SOAPUI.
* Identified test cases to automate and automated them using Selenium WebDriver and TestNG.
* Wrote test cases scripts using Selenium WebDriver for functional testing and regression testing.
* Configured Selenium WebDriver, TestNG, Ant tool and created selenium automation scripts in java using JUnit prior to agile release.
* Performed back end testing by manipulating SQL data and executing SQL queries to verify the data in the database.
* Worked on FixingProduction tickets and Issues.
* Derived test scenarios from user stories and use cases.
* Worked with Developers and Product Owners to ensure features/bug fixes are delivered by sprint end.
* Reviewed Test plan Document, created test data and organized test plans and test runs for Manual Testing.
* Performed Smoke and Functional testing on every build of the application.
* Performed System Testing including Functional, Regression, Database, Cross Browser, End-to-End, User Acceptance Testing (UAT) in various Environments (Testing, UAT and Production Environments).
* Worked with the developers to reproduce the bugs and to resolve usability issues during UAT.
* Prepared status summary reports with details of executed passed and failed test cases.
* Mapping and Writing test cases to the requirements using Microsoft Test Manager.
* Used Team Foundation Server for creating & tracking various defects & issues in the sprint.
* Prepared Test Approach document for User Acceptance Testing.

**Environment:** Selenium WebDriver, Java, Eclipse, JUnit, Jenkins, Maven, Firebug, CSS, Fire Path, SOAP UI, Git, JMeter, SVN, TestNG, HP Quality Center(QC/ALM), SQL, PL/SQL, XML, MS Excel

**Jopari Solutions, Concord, CA Nov 2015 to Aug 2017**

**Manual Tester**

* Analyzed business requirements and worked closely with various application teams and business teams to develop system test plans, test scenarios, and test cases.
* Effectively participated in every day Agile Scrum stand-up meetings and participated in Iteration planning and retrospective meetings.
* Helped in preparation of test plans in accordance with the business requirements.
* Developed and Executed Manual test cases for Functional testing of various modules of the application.
* Designed and developed test cases for putting the application on Manual testing.
* Created Test Plans, and Test cases as per Functional and Business requirement.
* Performed Functional, Non-functional and End-to-End testing in different environments.
* Performed troubleshooting issues arising during testing.
* Executed Black Box, Negative, Regression, User Acceptance test (UAT) as per test plans and test scenarios.
* Used defect-tracking tool, Test Director, for raising issues and interacting with developers.
* Used SQL queries to perform the back-end testing.
* Used ALM/QC to Write Test Cases and mapped with requirements For Execution.
* Tracked and reported defects using ALM/QC and was also responsible for communicating the status to the development team.
* Created test cases for new enhancements and supporting builds by smoke testing, functional testing and regression testing of the application.
* Designed, developed and log and report production issues. Review new product features and enhancements and validate/update test plans accordingly.
* Prepared Functional Requirement Traceability Matrix (RTM) and Technical design document (TDD) required for the project standards.
* Designed and developed keyword-driven automation framework using Selenium WebDriver.
* Defined, developed, and executed automation test scripts using C# that leverage black and white box testing across functional, non-functional and performance testing.
* Validated the RESTful Web Services and API’s related to Customer, Account and Transaction Management using the Postman.
* Created automation framework in Selenium WebDriver and NUnit using behavior driven approach (BDD).
* Integrated Automation scripts (Selenium WebDriver API) in Continuous Integration tools (Jenkins) for nightly batch run of the Script.
* Developed test automation scripts using Selenium WebDriver for regression and performance testing of the various releases of the application.
* Used SQL queries to perform Select, Update, Delete, Insert and Join statements.
* Developed and executed several SQL queries in SQL Server as part of backend testing and involved in data validation and verifying data-integrity and also to check the data flow between different Systems.
* Used Microsoft Team Foundation Server (TFS) to open bugs, create tasks and user stories, initiate change requests.
* Verified that the Software Quality Assurance Standards are met throughout all phases of development.
* Responsible for testing the application against different environments in QA, staging, and production.
* Created documentation as to how to maintain and run scripts for future enhancements.
* Tested the application against different environments in QA, staging and production.

**Environment:** Visual Studio, Selenium WebDriver, Windows, SDLC, Agile-Scrum, HP ALM/QC, MS Office, SQL, XML, UAT SQL Server, IE, Firefox, Chrome, Windows

**Education:**

Master of Technology in Software Engineer

Bachelor of Computer Applications