**SHREEJA SINGH**

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**Professional Summary:**

* Experienced Software Quality Analyst with hands-on testing expertise throughout Software Development Life Cycle (SDLC) in various Methodologies - Agile, Scrum, Iterative, Waterfall, XP
* Competent performing Functional, Regression, Smoke, Manual, E2E/System (SIT) and Automation Testing on Web & Client-server and Mobile applications
* Strong experience in Manual Testing, writing Test Case, Requirements, logging & tracking Defects, producing graphs & reports from HP Quality Center/ALM
* Excellent skills in translating business requirements and prototypes to create detailed Manual Test Cases
* Deep knowledge of SDLC, Software Testing Life Cycle (STLC) & Bug Life Cycle (BLC)
* Well-versed creating & maintaining Traceability Matrix(RTM) & Bug Status Report from HPQC/ALM & Jira
* Good understanding of web technology and client server architecture and setup test environments & data
* Skilled performing Cross-browser Testing using Browser Stack for various browsers and versions
* Strong experience with test and defect management tools HP QC/ALM, Jira & Test Complete
* Able to demonstrate agility, mentorship, ability to remove obstacles, and create clarity from req ambiguity
* RDBMS understanding & Backend Testing experience by querying SQL against Oracle & SQL Server
* Excellent understanding of Web & Browser Testing best practices and Web design & development
* Highly competent with software development processes, Manual, Automated and Functional Testing
* Able to demonstrate thorough understanding of Automation and Framework using HP QTP/UFT
* Have knowledge and basic skills in Automated Testing using Selenium with Web Driver.
* Proficient with Microsoft Office Suite of products - Word, Excel, Outlook, SharePoint, Skype, Project & Visio
* Ability to quickly learn and adept to new projects in a fast paced, collaborative and iterative environments
* Highly motivated, ready to accept challenges, continually innovate and learn, and help others as a Team
* Highly effective oral and written communication, ability to communicate with all stakeholders & teams

**Technical & Tools Expertise:**

OS/Browsers/ Language : Windows 7, Mac OS, Linux, IE, Firefox, Safari, Google Chrome, Opera

VBScript, HTML, Java, JavaScript, J2EE, C++, PHP, CSS, .NET, Python, Ruby

Software Testing Tools : HP QuickTest Professional (QTP)/UFT, HP Quality Center(QC)/ALM, RIATest,

Test Complete, Testing Anywhere, Jira,

Databases/MS/Other Tools : SQL, Load Runner, Performance, Oracle, MS SQL Server, MS Office, MS

Visio, MS Projects, MS SharePoint, Jing, WebEx, UXPin, SnagIT, Coded UI,

FishEye - Atlassian, LinkScan, Jenkins, Angular JS

Software Methodologies : Agile, Scrum, Extreme Programming (XP), Iterative

**Professional Experience:**

**Sisters of Mercy, Chesterfield, MO**

**Oct 2015- Dec 2017**

**Quality Assurance Analyst**

**Job Responsibilities:**

* Analyzed & studied Project Charter (PC), TRD, User Stories and Use Cases to develop and execute Test cases & Test Scripts for MyMercy, Mercy QuickPay & Membership modules
* Worked in very fast-paced Agile environments supporting parallel projects & meeting deadlines
* Advocated and followed best practices of designing Test Case & logging Defect in HP QC/ALM
* Assisted Test Lead will various leading activities - Test Plan creation, Test Harness setup & Execution Reports
* Performed Smoke Testing to ensure MyMercy & Mercy QuickPay is stable and ready for Functional & Regression Testing by Regression Suites using HP QTP/UFT
* Hands-on experience maintaining existing Test Scripts & enhancing with Parameterization & Custom Checkpoints using QuickTest Professional (QTP)/UFT
* Developed Test Scripts using Actions, Regular Expression, Parameterization, Custom checkpoints and Output Values for Providers & Membership modules
* Led & performed Manual test activities & assured steps were updated and scenarios covered the major functionalities on MyMercy & Mercy QuickPay
* Created Automated Tests from HP QTP/UFT and ran Regression Testing against QA & Stage environments
* Maintained RTM for proper Test Cases & Test Scripts coverage within HP ALM
* Designed Manual Test Cases in HP ALM to cover System Integration Testing (SIT) & User Acceptance Testing (UAT) for MyMercy - Appointment Requests, View Lab Results, Manage Medications & Online Bill Pay
* Developed and executed test suite using HP ALM for Portal application.
* Executed test procedures using HP ALM as test management tool.
* Wrote test scripts using Selenium Web Driver.
* Executed Backend and Database tests using SQL queries, validating the data for database editing and debugging is conducted using selenium.
* As part of automation testing prepared regression test suite, designed test scripts in Selenium web driver using Java, executed scripts using CRAFT framework.
* Worked with the functionality and Regression testing cycles of major product releases by developing test suite using selenium Webdriver
* Automated various critical points identified in functional testing using Selenium Webdriver.
* Created SQL queries to perform up gradation of database.
* Performed enhancement in SQL database to coordinate with other application.
* Automated Test scenarios for GUI, Functionality, Integration and Regression Testing using UFT.
* Created UFT code that used methods and properties within custom built classes.
* Set up meetings for Test Cases & Test Scripts approval from QA Manager, Dev Lead and PM
* Identified and logged defects in Defects module following Bug Life Cycle (BLC) within HP QC/ALM
* Assigned Defects to Developers using detailed descriptions to replicate and provide solution via HP QC/ALM
* Provided weekend production support and extended hours for Releases & Go-Live

**Environment:** HP ALM, QTP, VBScript, UNIX Java, Java Script, Web Services, Selenium, MS SQL Server, Oracle, Windows.

**State of Alabama, Montgomery, AL**

**April 2014- Sept 2015**

**Software Test Analyst**

**Job Responsibilities:**

* Designed, developed, and executed Test Cases and Test Scripts using according to Test Plans and PP
* Analyzed and tested parallel projects throughout the phases of Software Development Life Cycle (SDLC)
* Performed SIT & User Acceptance Testing (UAT) and logged test execution status in HP QC/ALM
* Performed Manual Testing for Positive, Negative & Boundary Test Scenarios of merckEngage, Merck Connect, GoodStart Minutes & mypet.com by negative/positive data sets
* Wrote Structured Query Language (SQL) to retrieve and manipulate data to perform and validate backend system of merckEngage modules and Merck Connect
* Inserted checkpoints to compare the present behavior of the application being tested to its behavior in the earlier version using selenium IDE.
* Developed and automated regression test cases with positive scenarios Selenium Webdriver.
* Scheduled Regression Suite from HP QC/ALM and generated ‘Runs by Test’ &‘Runs by Test Set’ reports
* Performed Manual Testing for Positive, Negative & Boundary Test Scenarios of providers claims history checking, eligibility determining, claim authorization modules by negative/positive data sets
* Attended in weekly QA Review Session providing status of test execution and defect findings & closures
* Worked closely with offshore resources in soliciting Requirement for Manual or Automated Testing
* Created Manual Test Cases using HP Quality center (QC) and automated test scripts using HP Quick Test Professional (QTP) for merckEngage modules – Fitness, Medicine, Health Care etc
* Performed Functional, End-to-End, Regression, and Smoke Testing on Merck Connect modules
* Integrated HP Quick Test Professional (QTP) with Quality Center (QC) to maintain and execute automated test scripts for nightly run and scheduled sanity checks
* Logged defects using HP Quality Center (QC)/ALM and worked with business analyst and developer to follow the defect cycle to the closures.

**Environment:** HP ALM, QTP, VBScript, Java, Java Script, Web Services, MS SQL Server, Oracle, Selenium, Windows.

**Kaiser Permanente, Silver Spring, MD**

**Jan 2012- March 2014**

**QA Analyst**

**Responsibilities:**

* Created complete end to end use cases and requirements traceability matrix.
* Analyzed testing requirements to develop detailed test plans, test scenarios.
* Enhanced the performance of the test scripts by writing functions.
* Used to build testing scope documents and gap analysis documents.
* Quality Center/ALM was used to create the Test Plan, store the test cases and run the test cases.
* Developed Functional Test Cases from Test Plans, Software Requirements Specifications, and interaction with the client and Business Analyst
* Created Test Cases & Scripts for multiple web & mobile projects with minimal supervision and tidy schedule
* Responsible for developing manual test cases in Quality Center/ALM and executing tests according to software test processes and procedures.
* Documented and created report on identified system testing issues in Quality Center & JIRA
* Led and actively participated in defect triage and test status meetings with offshore clients
* Provided regular project test status report to QA Manager & end-clients to ensure test deliverables are met
* Actively participated in Walk-through, defect inspection, review and user group meetings for quality assurance
* Wrote SQL queries and executed procedures to perform Back-end Testing for the expected results
* Worked with Release Engineering team to create and maintain an automated build verification/Smoke tests
* Performed testing tasks such as planning, scheduling, and execution via HP QC & Rally
* Worked with Vendor, Development and QA teams to capture and reuse automated Test Scripts & SIT Tests
* Used Quality Center/ALM for bug tracking and reporting, also followed up with development team to verify bug fixes, and update bug status.
* Conducted smoke, performance, functional, and regression testing to ensure code stability
* Performed testing tasks such as planning, scheduling, and execution via HP QC & Rally
* Ensured products meet design specifications and functional requirements as designed
* Documented and explained issues to developers with details via JIRA & Rally
* Used to set up complete end-to-end test plan and test case environment.
* Developed testing strategies in support of agile development.
* Performed regression testing of the application after fixing the defect.
* Created SQL queries to perform up gradation of database.
* Performed enhancement in SQL database to coordinate with other application.
* Automated Test scenarios for GUI, Functionality, Integration and Regression Testing using UFT.
* Created UFT code that used methods and properties within custom built classes.
* Created code in UFT to work with web services programmatically using Descriptive Programming.
* Used to debug automation scripts in UFT if failure occurred.
* Attended the daily Bug Review meetings, weekly Status meetings and Walkthroughs.
* Interacted with Business Analysts and Developers for resolving Defects.
* Participated in Team meetings on a regular basis and involved in active discussion in order to enhance the testing quality upgrading testing approach.
* Worked closely with the Project Manager, Business Lead and Technical Lead to identify research and escalate issues.
* Identified risks to the appropriate work stream for resolution.

**Environment:** SQL Server, MS Office, Windows, SOAP UI, HP ALM, UFT, Java, J2EE, Java Script, VB Script, XML, UNIX.

**WASHINGTON POST, Washington, D.C**

**Sept 2010- Dec 2011**

**QA Analyst**

**Responsibilities:**

* Was responsibleforgatheringFunctionalRequirements,UseCasesandDesignDocuments.
* Involved in writing and executing Test Cases, Test Strategy based on the requirement.
* Analyzed review and sign off on Test Plan, Test Scenarios and Test Cases.
* Created detailed Test Cases for integration test phases.
* Maintained documentation of Test results to assist in validation of software.
* Validated all the testing issues and performed regression testing on new builds.
* Reviewed requirements documents, created and executed Test Cases in HP Quality Center to ensure the developed functionality conformed to the specified requirements.
* Provided reports and metrics utilizing HP Quality Center.
* Conducted Back-end testing using Oracle SQL Server.
* Inspected, executed and evaluated Automated Test Scripts in QTP.
* Made bug reports using QTP from the test technicians for errors.
* Revised current Test Cases to reflect changes made to the Test Plan documentation for new functionality and performance issues.
* Created Object Repository, Checkpoints and Parameters in QTP.
* Possessed good level of domain knowledge on Life Insurance and Intellectual Property domain.
* Researched and developed any new testing related open source tools within short span of time.
* Conducted Team meeting weekly basis and one on one session for the team member's concern and feedback.
* Supported and helped to the team members on their test case design and requirement clarification.
* Performed Quality checking for the Deliverables (DSRS).

**Environment:** HP Quality Center, QTP, VBScript, Java, Java Script, MS SQL Server, Oracle, Web Services, Windows, UNIX.