

SR. QA ENGINEER

Career Overview

- Interdisciplinary Electronics and Software Quality Assurance Analyst with diverse industry experience prominently in Mobile telecommunications, business-to-business web, and government.
- Highly Skilled QA offering vast knowledge in Mobile, business-to-business Web, and Telecommunications Service fulfillment, Service provisioning and Activation, Order Management, Order capture, Order processing, EMS, NMS, CNL/INL, UNI, EVC, Circ provisioning.
- Proficient in developing detail oriented test Strategies, Test Plans, Test cases and Test scripts based on business and system requirement specifications.
- Extensive Hands on experience in Mapping Business Requirements to test activities. Significant exposure in Manual system test and Hybrid Automation framework development using Selenium WebDriver, TestNG, Cucumber, HP UFT/QTP etc.
- Experience in writing RTM, test cases and scripts, test cases review and rework, preparation of test data, Test case execution, defect management to delivery, test management using Quality center, ALM, Rally for Agile.
- Experience in Test effort estimation, Test Reporting, execution of System tests, Integration tests, Regression tests, Confirmation tests, UAT, TDD, BDD and ATDD, performance, database tests, functional (black box) and nonfunctional tests.
- Strong hands on Querying database for data validation and integrity using SQL developer.
- Strong understanding of Software Development Life Cycle (SDLC), Software Testing Methodologies, Quality Assurance Processes, Q/ Methodologies and STLC.
- Handled Offshore Onsite Model teams spanning over different locations.
- Experience in technical software Application support w/ expertise in providing high quality customer product support.

Highlights

- Programming and Design Skills in variety of languages.
- Automation Framework Development and Maintenance Skills.
- Optimization and performance tuning Skills.
- Competent in designing and automating test Scripts using Selenium WebDriver Automation
- Ability to test in Integration, ST, SIT, UAT, Production test environments.
- Proficient in SQL, SQL Queries, Applied Joins, Database tests and Application Support.
- Exceptional debugging skills and ability to identify root cause.
- Proven Ability to work independently w minimal Supervision.
- Ability to learn new technologies quickly and w minimal guidance.
- Capable of following process and procedure documentation.
- Training users in complex topics and interact positively with management and w Colleagues.

Skill Matrix

Skills	Experience	Total Years	Last Used
Core Java 8.0 - Eclipse IDE	Expert	3	2016
Selenium WebDriver	Expert	3	2016
JUnit/TestNG - Eclipse	Expert	3	2016
Cucumber/Gherkin/JBehave	Advanced	3	2016
Maven/Jenkins CI	Intermediate	3	2016
CA Rally/Agile/SCRUM	Expert	5	2016
HP ALM/QC v11.5/Waterfall	Expert	7	2016
SOAPUI/XML/REST/JSON	Expert	5	2016
HTTP/WSDL/WADL/UDDI	Expert	5	2016
MySQL/Oracle 11g	Expert	7	2016
SQL/SQL Developer 4	Expert	7	2016
Tortoise CVS/SVN/VSS	Expert	7	2016
Jira/iTrack	Expert	7	2016
MS Windows/Ms Office Suite	Expert	7	2016
Linux/ Unix Box Putty	Expert	7	2016
Wordpad/Notepad++	Expert	7	2016

Accomplishments

- 100% Compliance in Shift Schedule Adherence with no SLA miss
- Efficiencies demonstrated in managing the shifts, shift handover.
- Contributed to knowledge repository & 0 escalations from clients or teams being supported.
- Documentation of processes and deliveries to improve project capability and speed up induction.

- Met automation targets as per applications and targets mentioned in roadmap. • Reduced rework and improve productivity.
- Contributions towards retrospectives/learnings/customer & leadership readouts.
- Proactive absence management. • Demonstrate and spread positivity within team and beyond so as to generate best results.
- Self Aligning to the project objectives and addressing issues timely.
- Contribution to the innovations at project • Reduction in cycle time in test.
- Inspected more than 5 • Critical Defects per shift with • 100% accuracy.
- Improved client relationships and project predictability through shared business and technical perspectives, agreed project roles, risk assessment, use cases, transparent business-aligned test efforts, and time-boxed delivery.
- Actively mentored, trained and supervised new testers for several months to improve Selenium WebDriver automation, CoreJava, debugging and general professional skills.
- E2E/UAT and Prod Supports while deployment programs.
- Prepared design Specifications, developed reporting and analytics, • tested and managed user • adoption.
- Streamlined QA process to increase efficiency and reduce new product rollout time by one week.
- Completed Test case designing through business requirements analysis including the evaluation of systems specifications for client Web site two weeks ahead of deadline.
- Increased Quality and cost efficiency by 5%.

Work Experience

08/2015 to Current

Sr. QA Engineer Getinsured - Tampa , FL

Project -CANOPI- The Converged AT&T Network Operations provisioning and Inventory of OEM and OEM-AC services and supportin Infrastructure Circuits CANOPI provides the ability to integrate Layer1 design and inventory, Integrate network solutions enable single end-to-end view of a customer.

Responsibilities:•

- Hybrid Automation Framework• development from Scratch and framework maintenance using Selenium WebDriver, TestNG, Cucumber.
- Functional test script designing for new projects/User Stories, while test iterations in iterative Agile development.
- EndToEnd Canopi Application testing through EndToEnd test scripts integrated with back end database and Unix Box putty, equipped w Complex Queries etc.
- Competent• • with• • Core• • Java• • basic• • object• • oriented• • programming Concepts and implementation wi Selenium language bindings.
- Implimented Page Object Design pattern, use of locating mechanism, web elements and WebDriver methods in Selenium WebDriver.
- Designed• • scripts• • in• • accordance with• • Cross• • Browser• • testing• • using• • Firefox WebDriver, Chron drivers and IE Drivers in Selenium
- Proficient in using iterator i/f, ActionsClass methods and perform and Build operations within Selenium test scripts •
- Experience• • with• • framework• • refactoring• • using• • Page• • Object• • design Pattern/model, page factory methods in Selenium
- Experience with use of TestNG Annotations, Dependencies, Prioritizing tests in test scripts and test Reporting in JUnit, TestNG.
- Experience• with running• test• • scripts• in different• Browser and platform independent sessions using Selenium Grid.
- Experience with Continuous integration tools, test and batch runs using Maven, Jenkins.
- Created re usable common utility functions for functional library and Use of• WindowHandler,• Worked• with Frame handling, use of test data and use of excel sheet as data repository.
- Implemented Data driven approach using XML, .xlsx, .xls Apache POI jar files.
- Proficient with use of testNG Listeners and assertions in selenium.
- Proficient with Alert handling for web and windows pop ups using third part tool, AutoIT.
- Created re usable utiity for web elements like selecting dropdowns, checkboxes, editboxes etc.
- Implemented advanced use of mouse operation events in selenium webDriver.
- Develop and conduct review sessions for test plans and test strategy for each release• Provide daily• status• • to project• • team• on• test• execution progress for the release
- Supported UAT sessions in relation to application integration Delegated Test design and Execution tasks among the test team.
- Conducted meeting/walkthrough• • and• • get• • approval• • for• • test• • deliverables,• • Test estimation, defect• • triage reporting.
- Managed/Coordinated• tasks• • with onshore/offshore• resources
- Performed• Compatibility Testing• to• ensure the application• • worked• in• different• • Operating• Systems• and browsers.
- Identified test resources and estimated testing effort, testing schedule and milestone• • for• • WBS• • Created• Testing• • Strategy• and• test• • plans• • for• • the releases.
- Conducted post release verification following a Production deployment •
- Capturing• • and• • reporting• • transaction• • response• • times• • for• • different pages/processes• • in• • applications• • DSR/WSR• • preparation,• • test• • effort estimate, reporting• status• calls• • for release projects
- Web Services/API validation using SOAP• UI.
- Wrote Complex SQL Queries and Joins.
- Routine sanity on new builds in different ST environments

- Functional and Regression test cases execution.
- Defect Retest and Management using ALM, Rally for Agile

Environment - CANOPI OSS Suite built on Java, Cramer, Oracle 11g, Rally/Agile/SCRUM, HP ALM/QC 11.5 , Selenium Web Driver, I Load runner, JMeter, FlexGUI, Interface Web Simulator, SQL developer 4, Unix Box Putty, SOAP UI, REST, Web Services, XML, JSO Notation, HTTP/WSDL/WADL/UDDI, Windows 7, HVD, VMware, Notepad , MS Office, VB Script.

07/2013 to 08/2015

Software Engineer Smartwatt Energy - Boston , MA

Project -The One Point Universal System(OPUS) and OPUS Mobile Cingular Wireless system that enables employees to activate, assist customers w/ their mobile phone accounts perform Point-Of-Sale (POS) activities. The application is primarily used in cingular wireless stores. A Major functionality is to activate, customer service, Inventory Sales, Accounting, Admin, DTV and Uverse.

Responsibilities:

- EndToEnd System tests in simulated environments.
- Order provisioning of AT&T Mobile services using simulated OPUS point of sale software.
- Web services and API validation using SOAP UI Test Script Design in Selenium web Driver using Java Core.
- Automation hybrid framework development with Selenium WebDriver, TestNG, JUnit, Jenkins, Maven etc.
- Competent with Core Java basic object oriented programming Concepts and implementation with Selenium language bindings
- Proficient with use of locating mechanism, webElements and WebDriver methods in Selenium WebDriver.
- Designed scripts in pursue with Cross Browser testing using firefox WebDriver, ie, chrome drivers in Selenium
- Proficient in using iterator, ActionsClass methods and perform and Build operations within Selenium test scripts
- Experience with framework refactoring using Page Object design Pattern/model, page factory methods in Selenium
- Experience with use of TestNG Annotations, Dependencies, Prioritizing tests in test scripts and test Reporting in JUnit, TestNG.
- Experience with running test scripts in different Browser and platform independent sessions using Selenium Grid
- Experience with Continuous integration tools, test and batch runs using Maven, Jenkins.
- Created reusable common utility functions for functional library and Use of WindowHandler, Worked with Frame handling, use of test data and use of excel sheet as data repository
- Built Automation shared functional library Wrote reusable functions based on workflow Wrote Complex SQL Queries and Joins.
- Maintained folder structure for Automation project Enhancement/Maintenance of AF Created business components, scripted components, generated custom reports using HP QC/ALM Test script execution, maintenance and debugging Participation in Scrum meetings, Project planning meetings.
- Interacting with Business Analysts for Requirement understanding.
- Create the test schedule (tasks, dependencies and assigned team members)
- Identified the training requirements of the Software Test Engineers
- Identified any test metrics to be gathered Communicate with the client or on site/ offshore team members, as required
- Review the test cases and test data generated by the Software Test Engineers and get them to address the review comments Track the new/ updated requirements in the project and modify testing artifacts accordingly
- Determine, procure, control, maintain and optimize the test environment (hardware, software and network)
- Responsible to manage testing services for Functional, Performance and Automation testing
- Implementing Performance Testing Solutions in a diverse environment.
- Writing Test Plans, Test Cases, LoadRunner User Scripts, and delivering Performance results within tight deadlines.

Environment - OPUS web Application built on Java, Database Oracle 11g, ALM 11, Java, Eclipse, Selenium Web Driver, TestNG, Cucumber JBehave, Gherkin, HP Load runner , JMeter, Citrix ICA Client, REST API, XML, JSON Notation, TOAD, SQL developer 2, Unix Box Putty VSS, PRISM, ZTracker, iTrack, Sharepoint, Webtrax, WeDAT, Request Pro, TLG, MLDC for OPUS Mobile, ClearQuest, ED, Webst Method, Invoker, CR Tool, Notepad , MS Office, VB Script.

05/2012 to 06/2013

Test Engineer Ceridian Corporation - Saint Petersburg , FL

Project - The Service Request Tool- is a web based intranet application that works together to provide provisioning of Ethernet orders in layer 2 systems.

- Order creation, Order processing, Order Mgmt.

Responsibilities:

- System tests of SERT Web Application.
- Competent with Visual Basic Concepts and VBScripting, object oriented programming Concepts and implementation with UFT/QTP
- Proficient with use of key-value pair, Object identification, webElements properties for an WAUT using UFT/QTP.
- Designed scripts in pursue with Cross Browser testing using UFT/QTP
- Proficient in using Vbscript methods in UFT/QTP Scripts.

- Experience with framework refactoring using Keyword Driven, Data Driven and Hybrid framework approaches, page factory methods in UFT/QTP.
- Experience with use of Prioritizing tests in test scripts.
- Experience with integrating QC/ALM with UFT/QTP and Test runs, Batch runs.
- Experience with running test scripts in different Browser and platform independent sessions using HVDs, Citrix Client
- Created re usable common utility functions for functional library
- Web services and API validation using SOAP UI.
- Responsible for UI Manual Testing.
- Keyword driven Automation framework design.
- Tested database for database integrity and data validation.
- Wrote Complex SQL Queries using TOAD, SQL developer 2 Backend testing using TOAD, PL/SQL queries.
- Ethernet Order provisioning, Circuit Provisioning Tested workflow by creating Provide, Change.
- Validated Web services for Manual and Automation Tests using SOAP UI.

Environment - Windows XP, Linux Red Hat, SQL, Java based Web Application SERT, Oracle 10g, XML, XSLT JS, QTP 10, QC/ALM Selenium RC, Web Services, JMS, SOAP UI, XML, JSON Notation, WSDL, HTML, Citrix ICA Client, Caliber RM, Notepad, MS Office.

04/2010 to 05/2012

Test Engineer Honda - AL, State

Project -BBNMS-LS: The Broadband Access Network Management is a distributed architecture of multiple applications that work together to provide Layer 3 IP services on top of Layer 2 ATM with GigE and DSL Transport. The services supported include Fast Access DSL, IPTV, and platform to support VoIP. The components of BB NMS are JBBOS, CIM, NetX, and ML NMS.

Responsibilities:

- System Tests (End to End) of BBNMS LS (HSIA, IPTV, VOIP).
- System tests of BBNMS LS, Service Activation at Mediation layer.
- Creation of Customer Service Subscription orders and Service provisioning, Activation etc.
- Analyzed system requirement specifications and developed test plans, test cases to cover overall quality assurance testing.
- EndToEnd system tests integrated with database, putty Unix box using Keyword driven Complete SME Automation framework.
- Created MS Excel utility integrated with HP QC to create test execution and progress reporting.
- Proficient with use of key-value pair, Object identification concepts, WebElements properties in an WAUT using Complete SME Automation framework.
- Designed keyword driven test scripts integrated with HP QC.
- Proficient in Querying MySQL/Oracle database using SQL Developer, Toad etc.
- Experience with framework refactoring using Keyword Driven, Data Driven and Modular framework approaches in Complete SME Automation.
- Experience with use of Prioritizing tests while designing test scripts.
- Executed individual as well as batch runs using HP QC integrated with Complete SME Automation.
- Experience with running test scripts in different Browser and platform independent sessions using HVDs, Citrix Client.
- Created re usable common utility functions for functional library
- Wrote Complex SQL Queries and Joins.
- Preparation of Test Objective (TOM) and Test Scenario Matrix (TSM).
- Creation of Test Cases with respect to the Test Objective
- Review the Test cases and Test Objectives
- Preparation of data for the Test case execution, Performed acceptance testing, Integration tests, System tests, GUI tests, Regression tests, Database tests.
- Vendor defect management to delivery.

Environment - Windows XP, Unix Box Putty, SQL developer 2, Java based Web Application BB NMS LS, QC/ALM 10, Web GUI BB NMS LS, Web Simulator, SOAP UI, WSDL, UDDI, Method Invoker Citrix ICA Client, Notepad, MS Office, TCP, ATM, OSS, NMS, EMS, TL1, SNMP, SMTP, QTP 10, TOAD, PRISM, Request Pro, CVS, SVN, BPT Tool, TDOC.

10/2009 to 03/2010

Quality Assurance Engineer Amazon Lab126 - New York, NY

Project -IndiaMART.com is India's largest online marketplace that assists manufacturers, suppliers & exporters to trade with each other at a common, reliable B2B platform.

? Responsibilities:

- Tested different modules/pages in IndiaMART.com (Login, Catalogue, Product, Directory, Lead)
- Cross browser testing of different modules of IndiaMART.com using IE, firefox, Netscape, Opera, Chrome.
- Links and broken links tests using LinkChecker, Linkverify, Selenium IDE
- Performance and load tests using Apache JMeter, httpPerf, iPerf, loadUI.

- Preparation of test plan, Entry and Exit Criteria, test cycles etc.
- Test Progress, status and reporting using MS Excel utility, defect Management using BugZilla, Jira.
- Performed black box tests, database tests, regression tests.
- Tested IndiaMART.com Modules using Selenium IDE
- Responsible for UI Manual Testing.
- Queried & tested MS SQL Server w/ PL/SQL for data integrity.
- Wrote Complex SQL Queries and Joins.
- Creation of Test Cases and scripts using Selenium IDE
- Reviewed the Test cases and Test Objectives
- Preparation of test data using MS Excel for the Test execution
- Performed acceptance testing, Integration tests, System tests, GUI tests, Regression tests, Database tests.

Environment -Java based eCommerce Portal - IndiaMART.com, Oracle 9i, JIRA, BugZilla, Selenium IDE, RC, XMLTestSuite, Apache JMeter, LinkChecker, LinkVerify, iPerf, httpPerf, LoadUI, Eclipse 2.1, Windows xp, Linux, MS Office Suite, Notepad.

01/2009 to 09/2009

Engineer Hyatt Hotels Corp. - Santa Clara , CA

Project -The Radar track simulation is a smart simulation test and evaluation system used to generate realistic track radar waveforms based on air situation picture of fighter targets.Â Different waveforms can be generated on a pulse-to-pulse basis allowing RTS to achieve maximum flexibility.

Responsibilities:Â

- Algorithm Design and development of UI using Visual C++ w QT.
- Design and Implementation of Radar Track Simulation Algo.
- White box tests to test the structures of Simulator Sender and receiver code.
- Tested RTS embedded UI.
- Wrote Complex SQL Queries and applied Joins.
- Analysis of requirements for each module
- Preparation of positive and negative use case scenarios Construction of user stories to cover all major requirements
- Preparation of test artifacts - Test Plan, Test Cases and Use Cases Conducting Tests in standalone mode
- Validation of message transmission (incoming/outgoing)
- Validation of jobs processing in UNIX environment.

Environment - Embedded UI - RTS built on C++ and QT, Linux Ubuntu, Cent, Windows XP, Emulator, VC QT, Oracle 9i, MS Office, Notepad.

Education and Training

2009

Masters in Computer Applications : Computer Applications IEC CET Aff. w/ UPTU - City , State , INDIA

2009

ISTQB : Software Testing ITB - City , State , INDIA

2006

Bachelors in Computer Applications : Computer Applications ITS - City , State , INDIA

Technology Background

HP UFT 11.5, QTP 11 and below versions, Selenium IDE, RC, Web driver, Grid, TestNG, RTW, Git Hub, Junit, Cucumber, AutoIT, LinkChecker, LinkVerify, httpPerf, iPerf, LoadUI, ALM 11.5, QC 11 and below versions, Rally for Agile, SQL developer 4, 2, Putty Unix Box Toad, MS Office, QA Run, CTL, Caliber RM, BPT, QAccess, SQA Team Test, ConformiQ, Bug Zilla. OS Windows, Linux Red Hat, Ubuntu Wordpad, Notepad , Linux cent OS, iOS, Android, Databases Oracle, MS SQL, My SQL, Tomcat, Apache, Web Logic, WebSphere, REST SOAP UI, WSDL, Tortoise CVS, SVN, VSS, HTML, XML, JSON, VBscript, Javascript, HTTP, TCP/IP, Eclipse Mars, Lunar IDE for QT, ODBC, RDBMS, Agile, Waterfall.