**Varinder Singh Status : US Citizen**

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## Professional Summary:

7+years of diverse experience in Software Quality Assurance/Tester with a thorough knowledge of Automation Tester, Functional, Regression and Performance testing methodologies Capacity to identify problems, analyze test results, and investigating their cause and suggesting remedies. Developed Strength in testing of cross-platform Client/Server and Web based applications. Expertise in analyzing and designing automated as well as manual procedures for the verification, validation and implementation of accurate testing strategies for the successful deployment of real-time solutions

* Extensive experience in reviewing and understanding of Business & Testing requirements and writing detailed Test Plans, Test Cases, and Test Scripts.
* Knowledge in the ETL (Extract, Transform and Load) and SSIS of data into a datawarehouse/date mart and Business Intelligence.
* Assisted with the research required to update cable markers and TMS.
* Provided support for Unit and UAT testing as required for the application or any other assigned application.
* Extensive experience in Functional testing, , Integration testing, Regression testing, GUI testing, Back-end testing, Browser Compatibility testing, Ad-hoc testing, Black Box Testing, White Box Testing, System Testing, Build Verification Testing, User Acceptance Testing.
* Extensive knowledge on writing automation using Selenium, C#, Java and QTP for web applications developed using latest .NET and Java technologies
* Wrote Test Cases and performed User Acceptance Testing (UAT), documented the in detail defects using the Defect Tracking report and designed and developed project templates based on SDLC Methodology.
* Involved in entire QA Life Cycle (SDLC), which includes Design, Development and Implementation of the entire QA process for the Relational Database, Web and Client/Server.
* Provide final quality assurance support in all aspects of the multi-product Cable Data system.
* Strong experience in conducting User Acceptance Testing (UAT) and documentation of Test Cases. Expertise in designing and developing Test Plans and Test Scripts.
* Created automated Test scripts using automated tools and ran the test scripts on various Builds and instances.
* Cross browser Testing using Coded UI Build  Automation tool and usage of various test attributers
* Performed unit testing, White box testing, functional testing, System Integration testing, regressiontesting.
* I assisted people that were having issues with their cable and/or internet
* Experience using testing tools such as WinRunner, Quality Center, HP ALM, Test Director, Quick Test Pro, JIRA ,Load Runner, Rational Manual Tester, Rational ClearQuest ,Rational ReqPro and NeoLoad.
* Expertise in building Web Services using WSDL and SOAP Protocol.
* Knowledge of using automation tools - Win Runner, QTP, Load Runner, Quality Center and Test Director and Involved in testing Java web based application.
* Experience in developing the Rest Application - Automated API Test Application Tool and APT testing using Fiddler tool.
* Extensive working Experience in using testing methods like Functional, Regression, Integration, System, Security, Initialization, Usability, Database, Smoke/Sanity, End to End and User Acceptance Testing (UAT).

## TECHNICAL SKILLS:

Automation Tool Selenium (Web driver, TestNG, ANT, Sauce lab, VMware, Jenkin, Selenium Grid), Visual Studio Coded UI Test Tool.

Database SQL Server 2008/2005

Scripting/Programming ASP.Net, C#, C++, Java XML

Operating System/Environment Windows XP, Vista, Win 7, Server 2008, Linux

Test Case Management TFS Test Manager, Zephyr, Qmetry, Documentum, QC, ALM

Defect Management TFS, Bugzilla, Jira

Methodologies Waterfall, Agile, Scrum

SalesForce.com Ticket Creation, Data migration, Record Types, Workflows, Email Templates, Data Loader, Desktop Integration

Other Tools Microsoft Office, Fiddler, SQL Profiler, Soap UI

## Work Experience:

**Client: General Cable, Atlanta, GA Sep 2015 to Present**

**Sr. QA Analyst /Tester(Automation)**

General Cable is a company based in Highland Heights. Responsible for the conceptualization, design and execution of integrated marketing plans and programs that support channel managers, product managers and sales team for the $500MM North American Building Wire business. Combined with automation staffing adjustments, your customers always have access to the right number of qualified agents. Programs consist of advertising, direct and e-mail marketing, tradeshows, events and marketing campaigns to promote brands and generate quality leads.

**Responsibilities**:

* Analyzed the Business and Functional requirements of the application.
* Participated in User Acceptance testing (UAT) and involved in UA test cases, Executed test cases, Documenting Defects, Resolved defects and Signed Off from Application.
* Soldered, tested and troubleshot various cables, peripherals, and circuit boards
* Developing Standard Operating Procedures for cable management and database maintenance
* Worked with architects to understand the flow of new functionality at the design phase. And also worked with business users to understand project requirements and to figure out the scope of test strategy
* Involved in writing test cases within Quality Center and reviewing detailed test strategy,
* Involved and given requirement for C# and VB.NET service test automation suite development
* Tested alongside testers on teams, planning and executing white box tests, defect tracking, creating sql validation queries
* Develop and Build Automation Framework from scratch using WebDriver, Eclipse, TestNG and Java in Windows platform to cut down regression testing time.
* White Box Testing for Path Coverage, Boundary Value.
* Performed technical support for cable, internet, and phone services.
* Actively Involved in documenting the Core team Enquest training manual .
* Worked extensively with the QA team for designing Test Plan and Test Cases for the User Acceptance Testing. Conducted Functional Walkthroughs, User Acceptance Testing (UAT), and supervised the development of User Manuals for customers.
* Writing Automation Scripts by using Automation Tool Coded UI, Ranorex in C# & Selenium Web Driver in Java language.
* Performed Sanity testing, Security testing, White box testing, and web testing and GUI testing.
* Responsible for Analyzing the Testing and Build  Automation effort for each Agile sprint
* Involved in User Acceptance Testing of the application.
* Responsible for updating and maintaining accurate cable records
* Updated PPQA project checklists to support enhancements to Project Management Processes.
* Coordinated and communicated the whole QA effort by effectively working with different teams
* Interacted with the development team to understand and resolve coding issues. Also supported development team with providing requirement clarification and testing data for their unit tests
* Reported the bugs, Email notifications to the developers using the DDTS
* Monitored DDTS to close the bugs/cases as and when developers fix the bugs

**Environment**:: ASP.NET,VB.NET, SQL, HTML, Automation, Agile, UAT,VB Script, Ms-Excel, MS-Word, Quality center.

**Client: Barrington Media Group ,Shelton, CT April 2014 to Aug 2015**

**QA Tester**

Barrington Media Group is a national direct response media buying and marketing company focused primarily in performance based radio, television and print media. he technologies through which this communication takes place varies. Broadcast media such as radio, recorded music, film and television transmit their information electronically. Print media use a physical object such as a newspaper, book, pamphlet or comics,[1] to distribute their information.

**Responsibilities:**

* Defined the test criteria, project schedules and base lined the Test Plan with the help of project meetings and walkthroughs.
* Used senior level SQL query skills in analyzing and validating ETL database datawarehouse processes.
* Performed User Acceptance Testing (UAT) for various web based and database related applications.
* Written smoke test cases in Quality Center and modified them when they are automated.
* Represent business interests as product owner in agile environment to assure seamless deployments and ease of cable company adoption.
* Modified the scripts in UFT to automate Desktop application
* Executed Test Cases Manually, once the application is stable and documented the successful or unsuccessful completion of each test case in HP Quality Center (QC) for End-to-End Scenario based testing.
* Conducted UAT (User Acceptance Testing) to make sure that all the user requirements are catered by the application.
* Used descriptive programming to develop the automation scripts in UFT
* Helped define and implement Cable Information and Shared Services strategies in collaboration with our cable company members.
* Developed build automation scripts using SeleniumWebDriver, Python for user management modul
* Prepared for GAP Analysis; identified and documented improving areas to meet capital requirement regulations.
* Manually tested the whole application before going for the automated testing.
* Extensive use of XML to test the server components.
* Performed Load and Performance Testing.
* Implemented page object model automation framework with Java, Selenium Web driver
* Used Quality Center/Test Director for requirement management, test planning, scheduling, executing test cases, managing and tracking defects.
* Enhanced the scripts and developed various functions to enhance the scripts.
* Involved in development and reporting of quality assurance project metrics.
* Involved in preparation of test cases for source to target count testing and other ETL business functional tests.
* Involved in creating Test Scripts and executing them across various builds for Regression, System testing using QTP and reported the bugs through Test Director.
* On-call Production Support (24x7), monitoring and maintaining multiple Applications in Development and QA and Production Environments.

**Environment:** Agile, Oracle, IBM, SQL, SQL Server, SOAP, .Net, Webservices, HP ALM, HTML, XML, Quality Center 9.x, HP Quality Center, QTP 8.X, Load Runner, UAT, Agile, Windows XP, MS Office Suite, MS Visio, MS Access

**Client: AT&T, Arlington Heights, IL Dec 2012 to March 2014**

**QA Tester**

Project: LSPE –It is a part of U-verse to support light speed where delivery of the VoIP, Enhanced Broadband and Switched Video Services to the Consumer Market through deployment of fiber cable. The application is accessed via different channels like consumer’s TV (U-verse), telephone i.e. via call center or the internet.

**Responsibilities:**

* Analyzed business requirements, Functional Requirements, Technical Specifications.
* Prepared test strategy, test scripts, test scenarios, modular automated tests from the business requirements.
* Performed Integration, Functional, Data Integrity, GUI, Navigational and Regression Testing.
* Maintained and managed Test Assets in Quality Center.
* Developed Automation Scripts in Selenium for web
* Developed Build  Automation scripts in QTP for backend testing
* Extensive experience in Functional, data integrity, Integration and System Testing and prepared the test completion report and automation handover document.
* Building and running test cases using the Selenium IDE.
* Configured the .Bat file for all Build  Automated TC # script in order to run them sequentially or parallel on multiple machine with multiple node configuration.
* Wrote data extraction & data population queries to SQL server for conducting load tests.
* Maintained Bug tracking status using Quality Center and performed regression testing on fixed bugs.

**Environment:** WinRunner 7.0, Test Director 7.6, Windows 2003/XP Professional, SQL Server 2000, SQL, MS Office 2003 and VB Script.

**Client: Target Corporation, Minneapolis, MN June 2011 to Nov 2012**

**QA Tester**

Target Corporation has over 1400 stores in 47 states and is among the biggest players in the retail sector in the US. The client needed a secure, robust, and flexible platform to support all of their POS devices. The solution was required to result in cost savings, improved sales tools, easy integration with mobile devices, smooth integration between disparate systems, and electronic audit trails.

**Responsibilities**

* Developing Test Plan with a Test Strategy for the System testing. Instrumental in creating design and frame work for automation.
* Helping development team in defining the scope for Unit testing. Although Unit testing is not in the scope of QA efforts but QA team helped delivery team in putting a process in place for Unit testing activities.
* Requirements Elicitation, Analysis, Communication, and Validation according to Six Sigma Standards.
* Has done functional testing of the front-end application using Quick Test Professional (QTP).
* Backend testing of the DB by writing PL/SQL queries to test the integrity of the application.
* Involved in testing various New Policies, Amendments, Renewals, and Cancellations etc.
* Excellent working knowledge of designing and implementation of all QA test strategy plans and automated test solutions for client/server and Web applications with Mercury Interactive Test Suite (LoadRunner, WinRunner, QuickTest Pro and test Director)
* Repetitive tests were run using the Automation tool QTP for documenting the regression testing results.
* Worked on documenting Master QA Strategy (a new template per ESDM guidelines). Defining the QA tasks for Java and data intensive projects. Customizing the scope of various QA activities based on nature of projects.
* Responsible for the POS data models and mappings.
* Extensively involved in the automation of Regression Test Cases by scripting.
* Worked on ‘Segmentation Rule Analysis’ document, which will be made as a QA artifact and will be used as a KS tool (Knowledge Session) tool for any new team member.
* Worked on creating a document on putting a process in place for incorporating Sarbanes – Oxley act to mock up real production data in case of volume testing.
* Actively involved in Source Driven Testing, Target Driven Testing, Business Cycle Testing, Business Scenario Testing and Data Integration Testing.
* Worked on different database like Oracle to check the data consistency.
* Involved in the Production Validation for each Release Project and also took part in post production support.
* Hand on experience on different SQL tools like QueryMan was used to test the complex queries.

**Environment:** IBM, Agile, UAT, Oracle, DB2, SQL, PL/SQL, SQL Server 2000, SOAP, .Net, XML, HTML, IIS, Quality Center 9.x, QTP 8.X, Webservices, Windows XP, MS Office Suite, MS Visio, MS Access, MS Project.

**Yamaha 24x7 dealer - Moline, IL Sep 2009 to May 2011**

**QA Analyst**

The Project is about online shopping category. In this project the user uses a 24X7 Yamaha Resource Portal to order different products online. The User can select specific items to add to the Template or convert the entire Order into an Order Template. The user will have the option to add to an existing Order Template or to create a new Order Template.

**Responsibilities:**

* Experience with all aspects of product testing including test planning, documentation, execution, defect management and reporting.
* Created/Executed Manual Test Cases and validated test results.
* Gathering the Test Input data. Test Input data includes Pre-condition, Test Input, and Test Result data.
* Involved as leading the automation team using automation tool and framework.
* Configured the .Bat file for all Automated TC # script in order to run them sequentially or parallel on multiple machine
* Understand the behavior of complex web-based applications and apply that knowledge towards testing.
* Contribute to a project's overall test strategy and test plan, Create and execute test scenarios; select the best methods, techniques and evaluation criteria for testing, Identify test data requirements and generate required data to support testing. Evaluate and analyze application behavior and data for potential software issues. Report issues found during testing.
* Create test deliverables required by company and project testing standards. Work collaboratively with other testers, developers, and stakeholders, participate in, and occasionally lead, process improvement efforts.
* Contribute during design reviews and recommend product improvement

**Environment:** Bugzilla, Oracle, UNIX, Windows 98, XML, MQ Series