**Gaurav Agarwal**

**reachgauravagarwal@gmail.com**

**571-581-4880**

**Summary:**

* 6+ years of experience in software Quality Assurance Analyst and Software Testing of Web based and client server applications.
* Have in-depth and up-to-date knowledge of testing methods, concepts and processes and practices.
* Expertise in analyzing business specifications and developing Test plans, Test Metrics, test cases and executing them.
* Experience in Functional testing, Integration testing, Regression testing, Load testing and User acceptance testing, Verification and Validations.
* Specialized in user application requirement analysis, developing Test plans, Test Strategy and Test cases to verify application functionality against business requirements.
* Experience working closely with business analysts and business units to help with UAT testing and defect management.
* Worked in the form of sprint team with business analysts and developers in agile methodology. Performed tests on various sprints of Agile/scrum development process.
* Experience with Manual testing using Quality center/Application Life Cycle Management (ALM).
* Experience and knowledge of SDLC using Waterfall, RUP and Agile (Scrum, XP) methodology.
* Excellent knowledge in end-to-end performance testing process and methodologies.
* Highly motivated, self-starter able to work independently and collaboratively within a diverse technical team
* Worked on Web Services, SOAP UI, WSD Land Service Oriented Architecture (SOA).
* Experience includes the testing of Client/Server and WEB based applications using automated testing tools like Quick Test Pro and Quality Center
* Proficient in Planning, Developing, Scripting, Executing, and Analyzing Tests.
* Testing skills include White Box Testing Black Box Testing, Security Testing, regression, integration, volume and stress testing.
* Knowledge in UNIX Commands.
* Experience in Performance tuning of SQL queries.
* Have effective working relationships with business/client team to understand requirements, develop tactical and strategic plans to implement technology solutions to meet customer/business expectations.
* Formulated Test Plans based on the user Requirement Documents, design requirement document and System Requirement documents for the Functional, Regression and User Acceptance Testing.
* Performed various types of testing including Functional, System, Integration, Regression using software testing tools such as QTP and Quality Center.

**Technical Skills:**

* **Testing Tools** : Rational, QTP 9.0/10.0/11.0, HP ALM
* **Bug Reporting Tools** :Quality Center/ALM, Rational Clear Quest 7.0/7.1, Rally, JIRA
* **Databases** : Oracle 11g/10g/8i, MS SQL Server2000/2005, My SQL
* **Operating System** : Windows 2000/ XP/Vista, MS-DOS, UNIX, LINUX
* **Languages** : SQL, VBScript, XML, UNIX Shell Scripting, JavaScript ruby
* **Methodologies** : Agile/Scrum, Rational Unified Process (RUP), Waterfall
* **Others** : MS Office, SQL Server Management Studio , .net technologies

**Professional Experience:**

**The Finish Line Inc, Indianapolis, IN**

**Jan 2016– Nov 2017**

**QA Analyst**

Finish Line Inc operates an ecommerce retail website. The transactional database driven ecommerce website is supported by an ERP system with a SQL Server back-end. The ERP system ties together different aspects of the website including inventory management, customer accounts, shopping cart, credit card processing and other ecommerce functionalities. The task of this project was also to build a central repository of historic data warehouse that could support the various reporting and information needs. Data was spread out in multiple and diverse sources in databases located in different regions.

**Responsibilities:**

* Review Business Requirement documents (BRD), Software Requirement specification (SRS) and Prepared Test Plan
* Performed SQL Server’s data validation and database queries
* Used Back-end database SQL Queries to perform data testing
* Documented Manual Test cases, Test procedures and Test results.
* Extensive Web Testing & Black box Testing.
* Performed Functional, GUI testing, Data warehouse testing & web based application.
* Followed QA processes and practices, including defect and test management.
* Attended daily and weekly meetings for the projects.
* Tracked and reported defect using Quality Center ALM.
* Involved in reviewing and analyzing Business Requirement Documents and Functional specs and use cases.
* Responsible for Manual testing of both web and stand-alone applications (Agile/Scrum development)- majority testing: System Testing, Function Testing, Integration Testing.
* Experience with testing Web based applications on laptops, tablets and mobile devices.
* Manually test each and every module of the application and verify against expected results.
* Developed test cases and test scripts (with reusable actions) for Manual Testing.
* Created test conditions and related test cases, and executed test scripts using HP Quality Center.
* Testing the server application on multiple operating systems and on varied browsers.
* Responsible for creating UAT, SIT & Regression Test cases in the test plan module of HP ALM/Quality Center
* Managed the requirements in Quality Center and also in ALM
* Developed Traceability matrix between the requirement document and respective test cases to ensure all requirements were covered.
* Reviewed BRD, understood the requirements and translated them into test cases, scenarios, procedures and carried activities such as collecting test data, writing test cases and testing.
* Involved in preparing Test plan and Test cases for Employer and Member portal.
* Performed various type of testing like White box, Black box, System, Functional, Integration, Regression, End to End and UAT.
* Worked closely with business during UAT testing to create defects found during UAT testing.
* Clearly communicated defects with developers and updated comments in HP Quality center (ALM).
* Generated the detailed reports of the Bugs, Pass-Fail report and Assigned defects using ClearQuest.
* Conducted the Smoke Testing to check the High Level functionality of an application.
* Created Automation test framework using QTP
* Clearly communicated defects with developers and updated comments in HP Quality center (ALM).
* Attended UAT defect triage meetings to get update on when UAT defects will be fixed.
* Created positive and negative testing scenarios and tested them manually as well as using automated scripts.
* Participated in weekly meeting and walk through to discuss Defects Priorities
* Defects tracked and reported using Quality Center Reporting tool.
* Performed system, Integration and Regression Testing.

**Environment:** Quality Center, XML, Oracle, TOAD, UAT, Windows XP/Vista, Java, Quick Test Professional , Quality Center, MS SQL Server, Web Services SOAP UI, Agile Methodology, XML and HTML, .net.

**W.ATLEE BURPEE CO., Warminster, PA Jan 2014 – Dec 2015**

**QA Analyst**

Worked as a Quality Analyst for Store Systems for retail division of multi-channel retailer Developed modification for in store systems, including POS system, merchandising reports and price file database Managed and implemented system enhancements

**Responsibilities:**

* Analyzed Business requirements identified the ambiguities in the specification and clarified by interacting with other business analysts.
* Analyzed user requirements, reviewed system capabilities and made recommendations on system or procedures and configured changes.
* Actively participated in documenting in all phases of testing lifecycle.
* Developed and maintained the requirement Traceability Matrix (RTM)
* Executed manual test cases to check functionality and design specification of the application.
* Co-coordinated with QA Team and controlled testing of the project at every step of the quality cycle from test planning through execution to defect management.
* Used HP ALM to create the test plan, store test cases and run the test sets.
* Automated the functionality and GUI testing of the AUT using QTP and made use of Load Runner to do the performance testing
* Created test plan and test cases for UAT testing.
* Was responsible for creating UAT, SIT & Regression Test cases in the test plan module of HP ALM/Quality Center
* Assisted the team in writing the manual test scripts and made use of QTP to write the automated test scripts
* Conducted tests for database integration and migration under ETL (Extract, Transform, and Load) using STM (Source-to-Target Mapping) document.
* Generated a variety of Reports using HP ALM.
* Adhered to Agile Methodology for Product planning, Release planning, tracking the iterations, review and reporting purposes.
* Used TSQL to recover database schema and analytical performance of SQL Database.
* Wrote TSQL and SQL statements to check the validity of SQL database and to do the backend testing, to check whether correct information was retrieved from the database.
* Provided training to database users and consulted with business end users on strategy for automation testing solutions.
* Performed data mapping tests extensively by using SQL queries on Oracle database.
* Used SOAPUI to perform data integrity test, validated stored procedures and functions.
* Performed defects management including logging, tracking, verifying and fixing to achieve system efficiency and integrity.

**Environment**: UAT, HP ALM/Quality Center, Oracle 10g, PL/SQL, UNIX, Java and XML, Microsoft Excel, Microsoft word, Windows

**Scaffolding Today Inc, Jersey City, NJ**

**Mar 2012– Dec 2013**

**QA Tester**

Worked on a Project with a Scaffold company, which is one of the leading suppliers of Scaffold material in USA. Client is expanding the Business from coast to coast as well as Canada and has identified IT as a key growth driver. The system includes an e-commerce as well as online procurement (supply chain management), Vendor Management. The other modules designed in the system are Inventory control, CRM, Financial accounting and HR. It was a web-based system with Java, J2EE being the front-end technology and Oracle the backend.

**Responsibilities:**

* Reviewed Business & User Requirements, Functional Design and Technical Design documents
* Adhered to Agile Scrum development methodology
* Effectively communicated with Team and Scrum Master on meeting daily Stand ups
* Involved in Functional Testing, System Testing, Regression Testing, Backend Testing and User Acceptance Testing.
* Manually implemented several test scripts and documented the results
* Reported defects using Quality Center and interacted with developers to resolve any defects/issues through Microsoft Outlook.
* Act as UAT Test Analyst and design/document UAT test plan and strategy documentation
* Developed automated scripts using QTP to perform functional and regression testing
* Executed UNIX scripts for validation of data present on the files, based on the business
* Interface with developers to resolve technical issues and investigate software faults.
* Involved in SQL querying to extract data from backend.
* Used Back-end database SQL Queries to perform data testing
* Writing of some necessary requirements for application in Quality Center (QC).
* Responsible for managing the QA resources (assigning tasks, managing metrics etc.)
* Involved in User Acceptance Testing with Customer.
* Evaluate and implement QA process improvements for ongoing testing

**Environment:** Oracle, UAT, QC, Microsoft XP, HTML, TOAD, UNIX, SQL Server.

**John Wiley & Sons, Hoboken, NJ**

**March 2011- Feb 2012**

**Quality Analyst**

John Wiley & Sons, Inc., has been in the business of publishing as a leading provider of must-have content and services to customers worldwide. The core businesses include financial, scientific, technical, medical, and scholarly journals, encyclopedias, books, and online products and services; professional and consumer books and subscription services.

**Responsibilities:**

* Analyze Business, System requirements that are being loaded in HP ALM tool by BSA.
* Direct/coordinate with BSA in order to manage and update the missing parameters of requirements in HP ALM/Quality Center.
* Involved in creating Test Plans for the different aspects of the project according to the business specifications in coordination with the QA lead and project manager
* Responsible for reviewing business requirements, functional specifications, project schedules, documentation and test plans.
* Meet all milestone dates associated with System Testing in order to ensure Middleware Services meets its commitments to our clients.
* Involved in creating test cases for regression testing and assist test lead during the testing activities.
* Analyze the requirement coverage and traceability to ensure the testing coverage.
* Analyze test cases and defects being loaded in HP ALM by QA teams to ensure the link entities and accuracy of data.
* Coordinate with QA team to manage and update the missing parameters of test cases and defects in HP ALM/Quality Center.
* Enhanced of Script by Inserting Standard Checkpoints, Image Checkpoints, Table Checkpoints to check values of an object properties, property values of an image and information in a table respectively using Quick Test Professional
* Engaged in Web service testing on the new servers implemented.
* Manually updated the test cases in ALM/Quality center as per the test result documentation.
* Analysis the testing activities as per the planned forecast for the given projects.
* Direct/ coordinate with resources to update the data according to projects status.
* Analysis of the Weekly QA Metrics Reports for to correct the reporting errors.
* Getting updates and working with project team members for issues captured through metrics reporting.
* Manually performed back end testing using routine SQL commands to verify the data integrity
* Knowledge sharing on reporting cycle and process among QA, BSA teams as required.
* Processed the user access requests for HP ALM for new team members.
* Instructed/ trained new team members to use the HP ALM/Quality Center, if required.
* Troubleshot user access errors for HP ALM/Quality Center.
* Assisted with respective project team members to perform data verification once data migration is completed.
* Initiated and complete the process to add/ remove of items in the tools as per the project requirement.

**Environment:** ALM/Quality Center, Oracle/SQL, Windows, MS-Office, Java, Oracle, SQL.