**Angel Horton**

**Sr. Quality Analyst**

**Summary:**

* **7+ years** of hands-on experience in **Software Quality Assurance, Testing** for complex enterprise applications using the **latest technologies**.
* Experience in Software Quality Assurance in **Manual and Automation** Testing.
* Strong knowledge of **Software Development Life Cycle (SDLC)** & **Software Testing Life Cycle** **(STLC).**
* Expertise using **Manual**  and **automated** tools like **HP** **Quality Center**, **Load Runner** and **Quick Test Pro** & **Testing applications** developed in the **.NET Framework, Java**, **VB**, **Oracle**, **SQL Server** on **Windows and UNIX platform.**
* Experienced in **Requirement Analysis**, **Arriving at Test Scenarios** from Requirements and **Use cases**, **Test Planning**, **Test data Preparation**, **Test Case Execution**, **Defect Reporting** and **Documentation.**
* Proficient in different phases of testing **like Sanity Testing, Functional Testing, GUI Testing, Regression Testing, Integration Testing, System Testing, Performance Testing, User Acceptance Testing (UAT).**
* Hands on experience in **Developing**, **Documenting** and **Executing Test cases** manually and generated Automation Scripts using **Quick Test Professional, Quality Center and Selenium IDE, Selenium Web Driver** to ensure proper business compliance and worked closely with users and business analysts, **Project Managers**, **Developers** to **understand requirements**, **business processes** for **testing** and attended regular walkthroughs.
* Knowledge in developing & writing **Test strategy**, **test specifications**, **test plans**/**cases** for Health care applications like **HIX implementation** (State and Federal exchanges, CMS, **ICD -10** migration and E&E)
* Good experience in **Quality Engineering**, **SCRUM**, **QS 9000**, **CMM**, **Reliability** and **Project Management**.
* Web development experience using **PHP**, **HTML**, **JavaScript**, **CSS**, **and JQUERY**.
* Wrote **Test cases** in **ALM** and **Defect report generation** using **ALM** (**Application Life cycle Management**).
* Extensive work experience with different Databases like **Oracle, SQL Server**, **MySQL, DB2, IMS, TOAD, PL/SQL and VSAM**.
* Experienced in maintaining the **Requirements Traceability Matrix (RTM)** and verifying forward and backward traceability between requirements and test cases.
* Extensively used **ETL** **methodology** for testing and supporting data extraction, transformations and loading processing, in a **corporate-wide-ETL Solution** using **Informatica**.
* Strong working experience in the **Data Analysis**, **Design**, **Development**, Implementation and Testing of **Data Warehousing** using Data Conversions, **Data Extraction**, **Data Transformation** and **Data Loading**.
* Experience in using **Microsoft Office Tools** like **MS Word**, **MS Excel**, **MS Project** and **MS PowerPoint** for **Documentation**, **Reporting** and **Presentation**.

**Technical Skills:**

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| **Bug Tracking Tools** | JIRA 4.0/4.4/5.0, Bugzilla, HP ALM(QC 11.5), Quality Center |
| **Testing tools** | UFT (Unified Functional Testing), Quick Test Professional (QTP), Selenium, HP Win Runner, SOAP UI, Load Runner, Quick Test Pro 10, Clear Quest, Win Runner 7.0/6.0, Microsoft Test Manager, Load Runner 7.8/8.0/11.0, Rational Quality Manager, Rational Functional Tester, HP ALM, Test NG, Eclipse, UAT. |
| **Web Browsers** | Internet Explorer, Google Chrome, Mozilla Firefox, Safari |
| **Databases/ Tools:** | Informatica, Oracle , SQL Server, PL/SQL, MS Access, My SQL, TOAD, Cognos |
| **Microsoft Technologies** | VBScript, .NET, C#, Java, JSP, J2EE, JavaScript, JQuery, J Meter |
| **Web Technologies** | CSS, HTML, XML, iPad, iPhone, Android |
| **CRM Methodologies** | Sales Force CRM, Siebel CRM |
| **Others** | Macromedia Dreamweaver, TFS, I-frames and Microsoft Office (Outlook, Project, Excel, Word, & PowerPoint). |

**Professional Experience:**

**American Diabetes Association, Atlanta, GA June 2014 to Present**

**Sr. Quality Analyst**

American Diabetes Association is one of the nation's largest organizations in diabetes treatment, management and quality of life. It strives for building healthier lives, leads the fight against the deadly consequences of diabetes and fight for those affected by diabetes. This application is designed to learn more about this deadly disease and get involved with local communities in efforts to help Stop Diabetes by donating through various methods or from various Volunteer programs included. This helps in funding the research to prevent cure and Manage Diabetes. Customers can become a lifetime donor members or can login to the web portal for one-time donation. Contact information is created as Individuals and donations are stored in Assets.

**Responsibilities:**

* Involved in **Business analysis** and requirements gathering.
* Involved in developing detailed **Test strategy** & **Test plan** for each release cycle.
* Created **Test cases** and Test procedures using **Quality Center** for **Functional and Regression Testing**.
* Worked on Oracle database to implement the project and written the Test Plan and Test Cases for the **module Sales Cycle.**
* Extensively used **SQL programming** in backend and **front-end functions**, procedures, packages to implement business rules and security
* Wrote reusable functions in **VBScrip**t and created a Library of Compiled Modules in **UFT** to test the online quotes.
* **Agile Methodologies**. Experienced in the use of agile approaches, including **Test-Driven Development and Scrum.**
* Conducted **Integration testing**, **Performance testing**, **Functional testing** and **Load testing** to ensure that the application meets the requirements and to ensure usability readiness
* Extensively tested the mapping logic
* **Performed system testing**, **regression testing**, **integration testin**g and documented results using **Quality Center**.
* Involved in multiple projects and participated in meetings with SME and Business Analysts.
* Tested Automated and scheduled jobs.
* Conducted **Validation** and **Verification** of **bug fix**.
* Performed Regression testing on modified **builds** to ensure nothing is broken with the fix.
* Intensively conducted Functionality, **User Interface**, **Security**, and **Regression testing** during the various phases of the development.
* Involved in the preparation of Requirement **Traceability Matrix** to ensure entire test coverage.
* Worked in a team adopting Agile software development methodology
* Used **Quality Center** to track and report system defects and bug fixes. Written modification requests for the bugs in the application and helped developers to track and resolve the problems.
* Conducted various management activities by analyzing and **verifying test results**, providing **status reports.**
* Validated Scripts in the Target Database (Oracle) for creating the cube before migrating it to SQL Server.
* Created **procedures/scripts, SQL queries, PL/SQL** procedures to **perform Backend Testing.**

**Environment:**  Agile/SCRUM, Windows 7, SQL Server 2012, MY SQL, PL/SQL, Oracle 10g, VB Script, UFT, HP Quality Center, Java, J2EE, JQuery, JavaScript, UML, UAT, HP ALM, MS Office, MS Visio.

**ADP, Alpharetta, GA July 2012 to June 2014 Sr. QA Analyst**

ADP provides comprehensive payroll services, employee benefits administration and human capital management solutions for businesses of all sizes. The Project was to create automated scripts for the Web Applications for the Customers. Creation of formal test plans/test cases/regression tests.  Execute test cases and document Issues/Defects using QC.

**Responsibilities:**

* Worked closely with development team in creating automated scripts for the **web application**.
* Created custom framework using **QTP and Test NG for our project.**
* Executed regression test scripts along with testing new enhancements by using **QTP** and analyzed results.
* Designed the **Test Plans** and **Test Scenarios** accordingly, which involved reviewing **Business flow diagrams**, and **Dataflow diagrams** that were created using Use Cases.
* Generated Selenium reports using **Test NG Reporter** and automated **report generation**.
* Designed and Documented Test procedures and Test cases for **User Acceptance**, **Functional** and **Integration** testing using **Quality center**.
* Implemented **manual and automated testing** methods to **perform functional**, **load**, **Integration**, and **regression testing**.
* Executed system, integration, end-to-end and **User Acceptance Test (UAT)** test cases for common **data service**, **VIN web service** and **Java Client**.
* Generated **Test Reports and Documented and Communicated test results** on daily bases.
* Executed test cases and test scripts for manual and automation testing. Defects are raised in the **HP Quality Center** for logging, tracking and reporting bugs in the application.
* Perform web services testing using **SOAP UI.**
* Developed various **SQL Queries** and executed stored Procedures for backend validation.
* Used **SQL Queries** for backend testing (Testing the application from the logical storage of the data, validating the storage data with the UI. Checking the functionality of the database, to verify the functionality of the database).
* **Performed system testing**, **regression testing**, **integration testin**g and documented results.
* Defined **defect life cycle process** for the project, identified qualified and critical defects and logged defects with steps **using Rally dev**.
* Used Rally dev for **requirement analysis, scheduling and generating test cases**.
* Defects were **tracked, reviewed, analyzed and compared using Rally dev**.

**Environment:** Windows 8, Test NG, HP Quality Center, QTP, SQL, PL/SQL, MY SQL, SQL Server, Oracle 10g, Java , J2EE, JQuery, JavaScript, HTML, XML, UAT, Web Services, SOAP UI, Rally, JIRA, TOAD, J Meter, MS Office, MS Visio.

**PA-Dept. of Health, Harrisburg, PA Jan 2011 to July 2012 Sr. Quality Analyst**

The National Electronic Disease Surveillance System (NEDSS) is a national initiative driven by the Centers for Disease Control (CDC). The “NEDSS vision” includes use of the Internet for data collection and transmission, collection of data as close to the source as possible, incorporation of electronic laboratory reporting, and use of uniform coding schemes and data transmission protocols. This innovative Web-based application establishes a near real-time, secure communication link between laboratories, hospitals, individual medical practices, and the DOH.

**Responsibilities:**

* Interacted with **SME (Subject Matter Expertise)** for better understanding of the application functionality.
* Analyzed **business requirements documents** and **system requirement specification** to put together a Test plan.
* Performed **Smoke testing** on the Build and **manual testing** for the **GUI** and Functionality of the application.
* Additionally, worked closely with the developers and business analysts to formulate the test cases.
* Tested web application interface, functionality, usability and **performance**, using **SQL**.
* Designed and Documented Test procedures and Test cases for **User Acceptance**, **Functional** and **Integration** testing using **Quality center**.
* Designed the **Test Plans** and **Test Scenarios** accordingly, which involved reviewing **Business flow diagrams**, and **Dataflow diagrams** that were created using Use Cases.
* Involved in end to end testing to test the complete application environment such as interacting the sanctions in payment and accounting systems.
* Perform **HIPAA Validation** of Clearing House application.
* Validate different Electronic Data Interchange **(EDI)** formats such as X-12, EMCDS, PCDS and 1500 formats.
* Validate different EDI formats and transactions under **HIPAA** compliance.
* Maintained bug lists for critical issues using **Quality Center 10.0**, **JIRA** for bug tracking
* Assigned severity levels to different test cases and prioritizing them. Thereafter, performed testing in that manner.
* Mapped Requirements to test cases, providing **Requirement Traceability Matrix** to ensure project implementation within given timeline using **Quality Center.**
* Wrote **SQL** **queries** to check whether correct information was retrieved from the database.
* Did **User Acceptance Testing** on before installation of the application to user environment.

**Environment:**  Agile/ SCRUM, Window 7, QTP, Quality Center 10.0, SQL Server, MY SQL, PL/SQL, Java, J2EE, JQuery, Oracle 10i, XML, Load Runner, SOAP, MS Office, MS Visio

**Pepsi Co, Dallas Texas July 2009 to Dec 2010 Sr. QA Analyst**

ISCP (Integrated Supply Chain Planning) Extended Attributes Management is one of the projects owned by the **EDM** Team which implements a set of tools and processes. IP (Inventory Policy) is one of the applications under **ISCP** for which extended attributes are maintained using the i2 MDM framework.

**Responsibilities:**

* Developed Test Plan and Test cases on the user stories (**functional and technical requirements**), based on the solution **requirement** **specification (SRS) documents**.
* Conducted **Unit Testing (Module Testing), Integration Testing, Regression and Smoke Testing**.
* Mapping documents from **Business analyst** and **technical design** documents from Developers.
* Worked on setting up **site scope a lets** and **reports.**
* Responsible to verify **data completeness**, **data transformation**, **data quality**, **integration testing**, **UAT** & **regression testing**.
* Worked on monitoring key aspects of the server and web environment using site scope.
* Worked closely with the developers within the **SCRUM team**.
* Executed regression test scripts along with testing new enhancements by using **QTP** and analyzed results.
* Performed **PVT/End to end testing** in **UAT** and production after deployment.
* Executed **SQL queries with joins and stored procedures**.
* Executed test cases and test scripts for manual and automation testing. Defects are raised in the HP **Quality Center/HP ALM** for logging, tracking and reporting bugs in the application.
* While testing Web Services, providing required input data to request **XML** and validated response **XML** by comparing the data in database and **GUI**.
* Automation scripts helped to test different versions of Web Services in each release.
* Integrated **Sales force CRM** and the legacy system using Cast Iron Integration Systems.
* Tested Point of Sale functionality in **Siebel CRM**.
* Developed test strategies, use cases for the price plan, products on Siebel CRM.
* Validated the middleware by testing **Web Services with SOAPUI**. Coordinated with developers to fix the bugs and conducted Functional (Positive and Negative), and Integration Testing.
* Participated in weekly meeting with the management team and walkthroughs.

**Environment**: SCRUM, Quality Center, QTP, Web Services, SOAP UI, XML, Java, J2EE, Sales force, HP ALM, Siebel CRM, SQL Server 2008, MY SQL, PL/SQL, JavaScript, XML, GUI, MS Office, MS Visio, UAT

**TMX, Alpharetta GA Oct 2007 to July 2009 QA Tester/Analyst**

TMX is one of the major lending companies in the eastern region. Equity Auto Loan is one of their Applications developed to manage equity based loans. Created and executed test cases for the Equity Auto Loan program.

**Responsibilities:**

* Analysis of **Business requirements** & **Design Specification Document** to determine the functionality of the **ETL Processes**.
* Tested the **ETL Informatica mappings** and other **ETL Processes** (**Data Warehouse Testing**) for end to end testing.
* Involved in testing the business reports by writing complex **SQL** **queries** and validating the downstream applications like **DT4** and **LabLink.**
* Created flow charts to exhibit the flow of data from source datasets to the final reports using **MS VISIO**.
* Responsible for Test deliverables including Test specifications, **Requirements Traceability Matrix**
* Design, developed and maintained **SQL scripts**.
* Created Test input requirements and prepared the test data for Data Driven testing using Lab Ware application and verifies that the data migrates from **Lab Ware** **data base** to the **warehouse.**
* Generated reports using **Informatica Power Analyzer**.
* Prepared extensive set of validation test cases to verify the data following the CUSLC methodology.
* Tuned stored **procedures/scripts**, **SQL queries** to improve the system performance
* Developed Test Plan and Test Cases using **HP Quality Center** to test the application for the new code.
* Prepared Test Cases for the mappings developed through the **ETL Informatica tool** and executed those Test Cases.

**Environment:** Informatica, Cognos, SQL Server 2008, PL/SQL, MY SQL, ETL, Oracle, HP Quality Center, QTP, TOAD, Java, J2EE, JQuery, Windows XP, MS Office, MS Visio

**Education:**

* BS in Information Technology, Georgia Southern University – Statesboro, GA