**Keerthi Pathi – Sr. Test Specialist**

**SUMMARY:**

* Over **Ten** **(10) years** of progressive experience as a **Sr. QA Analyst** in Information Technology
* Expertise in analyzing High Level Design Documents and Technical Requirements
* Expertise in Manual and Automated testing using HP ALM/Quality Center, LoadRunner, WinRunner, Rational TestManager, Rational ManualTester, Rational FunctionalTester, Rational RequisitePro, and Rational Clear Quest
* Extensive experience as Quality Assurance Engineer for Web Based and Client server applications
* Expertise in validating Healthcare applications, Oracle Financial Applications
* Extensively worked on database testing using Oracle and DB2
* Extensive experience in GUI, Smoke testing, Functional testing, Black Box Testing, System testing, Integration Testing, Regression Testing, Web Testing, User Acceptance Testing, Database Testing, E-commerce Testing
* Expertise in Preparing Test plans, Test Scenarios, Test Documentation, Test Cases and Test Data
* Excellent troubleshooting and debugging skills
* Expertise in handling PII and PHI information for and HIPPA Training taken from CMS (Centers for Medicare & Medicaid Services)
* Expertise in UNIX commands and IBM Mainframes application validation, datasets, and VSAM files using various tools like QMF, JCL, and FILE-AID
* Expertise in QA Methodologies like Agile, RUP, Spiral, Iterative and Waterfall
* Experienced inTest schedule planning, Batch Test Schedule
* Experienced in testing SOAP protocols using Parasoft SOATest and SoapUI.
* Possess expert level of understanding of WSDL, XSD, Schema, DTD, XML documents for Web Services Testing.
* Experienced in Testing Cognos Reports, BI Reports and Dash Boards
* Having knowledge in creating Automation Framework
* Having strong problem analysis skills with ability to follow project standards
* Good Communication skills and flexible to adept to any new environment and work on any project.

**TECHNICAL SKILLS:**

**HP/Mercury Tools :** HP ALM, Quality Center, QuickTest Pro, WinRunner, and LoadRunner

**Rational Tools :** Rational Clear Quest, Rational TestManager, ManualTester, FunctionalTester, Requisite

Pro and Rational Robot

**Defect Tracking Tools :** Quality Center, TestDirector, and Vantive

**Data Warehouse Tool :** Informatica, Cognos series.

**Operating Systems :** Windows XP/2000/98/NT, UNIX and MS-DOS, Symbian.

**Languages :** C, C++, C#, Java, COBOL, SQL, PL/SQL, SQL \* Plus, Shell Scripts and TSL.

**Data Base :** Oracle 10g/9i/8i/7.3, DB2, MS SQL Server and MS Access.

**MS Suite :** MS Word, MS Excel, MS Power Point, MS Front Page, MS project and MS Outlook.

**Development Tools :** VB 6.0/5.0

**Technologies :** ADF, Web Services, SOA, SOATest.

**Web Technologies :** XML, HTML, and DHTML.

**EDUCATION:**

* Masters of Computer Application from University of Madras, and Completed in 2004.

**PROFESSIONAL EXPERIENCE**

**QSSI, Columbia MD Dec’ 15 – Till Date**

**Sr. Testing Specialist**

**Project :** The Federally Facilitated Marketplace (FFM) is an organized marketplace for [health insurance](http://en.wikipedia.org/wiki/Health_insurance) plans operated by the [U.S. Department of Health and Human Services](http://en.wikipedia.org/wiki/U.S._Department_of_Health_and_Human_Services) (HHS). The FFM opened for enrollments starting October 1, 2013. Individuals and employers will have the ability to find and purchase [Qualified Health Plans](http://en.wikipedia.org/w/index.php?title=Qualified_Health_Plan&action=edit&redlink=1) through the FFM and its partners.

**Responsibilities:**

* Analyzed Selenium scripts and executed the scripts as part of regression testing.
* Prepared Test plans, Functional Test scenarios, Test cases and executed the test cases using HP ALM 12.2x
* Involved in the black-box testing of the Healthcare.gov Financial Management (FM) External Data Gathering Environment (EDGE) module
* Interacted with developers, SMEs to create test data
* Developed and documented application test plans based on functional and technical specifications
* Executed SQL queries for data verification and validation in the back-end database
* Created and Maintained Requirement Traceably Matrix (RTM) after developing and updating Test Cases.

**Environment:** SharePoint, Selenium, HP ALM, JIRA, WinSCP, Putty, XML, SOAPUI, Unix/Linux

**QSSI, Columbia, MD / Palmetto GBA, Columbia, SC. Feb’ 12 – Nov’ 15**

**System Testing Analyst II**

**Project :** In Oct 2011, the Centers for Medicare & Medicaid Services (CMS), finalized new rule under Affordable Care Act (ACA) to help doctors, hospitals, and other health care providers better coordinate care for Medicare patients through Accountable Care Organizations (ACOs). ACOs create incentives for health care providers work together to treat an individual patient across care settings.

The other module CMS has been developing physician resource use and quality measures, evaluating physicians on their comparative quality and resource use, and educating physicians, purpose of this project is to promote high quality of healthcare, coordinated care at a lower cost and provide physicians with feedback on patient quality and the costs associated with the care.

**Responsibilities:**

* Analyzed Technical Specifications and Business Requirements and prepared the Test Plan, Test Cases and Test scripts
* Prepared the Test data based on the test case requirements
* Involved in reviewing the test cases
* Performed Smoke, Regression, Functional, Performance, Security, End-to-End, UAT and Backend testing
* Performed Backend testing using Squirrel SQL and Teradata SQL Assistance
* Performed General Reports testing from Portal/Portlet and MicroStratergy Reports
* Performed web services testing using SoapUI
* Extensively used the EFT, MFT, IBM Mainframe, Flat File Generator, XML Marker, and Notepad++, Squirrel SQL, Teradata SQL Assistance and PuTTY
* Responsible to execute and monitor the JCL batch jobs and reporting the issues to developers
* Executing the SQL queries using QMF against the DB2
* Participated in the Requirements clarifications calls, Weekly Status Meetings, Defect management calls, and calls with Developers to ensure that testing activities are in place
* Prepared and reviewed the Regression Test Plan, Functional Test Plan, End-to-End Test Plan, Test summary reports and Release Readiness Reports for each release
* Prepared the encrypted Test Evidence files
* Prepared inernal and external Lessons Learned document for each release
* Prepared FAQ’s for ACO’s file processing to help them to submit the good files in PROD environment.
* Has working knowledge with CMMI Level 5 SDLC processes
* Prepared ACO SSP Summary reports based on the test files received from ACO’s.
* Conduct Functional, End-to-End, Regression, Compatibility, and Smoke Testing of the Physician Value (PV) application modules such as Physician Quality Reporting System (PQRS), Quality and Resource Use Reports (QRUR)
* Participate in all system related walkthroughs and overviews sessions
* Created and performed Enterprise Identity Management (EIDM) integration testing for PV module
* Develop the SQL queries using squirrel tools to extract data from DB2 mainframe
* Testing new functionality/configuration changes within the application modules.

**Environment:** HP ALM, Quality Centre, QTP, DB2, JCL, CICS, COBOL, QMF, IBM Mainframes, Teradata, UNIX, EFT, WinSCP, MFT, Flat File Generator, XML Maker, SoapUI, Notepad++,MDM, DOORs.

**FedEx Ground, Pittsburgh, PA**  **Nov ’10–Nov ‘11**

**Sr. QA Analyst**

**Project :** Customer Pickup Coordinator (CPC) is web based application and it is a key strategic project designed to improve the pickup and delivery services and help to grow the small customer business.

**Responsibilities**

* Developed Teat plan, Teat cases for CPC and ISP applications
* Developed separate Teat cases for pickup and delivery (P&D) application using in STAR scanner devises
* Performed Functional, Regression and Integration Testing.
* Created and generated test data for each release in test environment for the applications
* Developed SQL scripts to validate the backend
* Validated the Data on Mainframes using QMF and SPUFI
* Performed batch processing using JCL scripts.
* Independently performed STAR scanner device testing, CPC, 1Source and ISP application using STAR scanners in deferent versions.
* Extensively Used Quality center for writing test case, executing them, creating defects and mapping requirements with test cases.
* Generated test execution reports and traceability matrix for the CPC and ISP applications.
* Performed validations in different systems like backend, middle tire.
* Closely worked with the client to develop UAT test cases, executed them with client to get the client approval.

**Environment:** Quality Center, Clear Case, DB2, QMF, SPUFI, JCL, CICS, AS400, Java, Mobile Text.

**Fidelity Investments, Merrimack, NH**  **April ’10 - Oct’10**

**Sr. QA Analyst**

**Project :** Fidelity is a web based application, and it is online trading brokerage of choice with mutual funds, IRAs, retirement planning and investment solutions, and also it provides One on one guidance, Investment choices and The cash flow of fixed income product, it is generally consists of several coupon payments over the period of the bond's life.

**Responsibilities**

* Developed test plan, test cases, and test reports for several modules within the Market Data division.
* Performed Functional, Regression and End-to-End Testing.
* Developed Automation scripts for Cash management module using QTP.
* Involved in creating test data and loaded them to test environment.
* Performed Load and Stress Testing to obtain an accurate picture of end-to-end system performance using Load Runner.
* Provided the regular status updates to all stake holders and upper management.
* Worked on long view trading systemand itallows the brokers and managers to take a position as a seller or a buyer.
* Perform capacity testing and provide performance analysis and capacity and hardware projections for the various work items based on client requests.
* Created defect in Clear Quest and allocated them to developers.
* Worked with the client and developed UAT test cases and executed them.

**Environment:** QTP 9.2, Quality Center 10.00, LoadRunner 9.00, ClearQuest 7.1, MQ Series, Sequelserver 2005, RUP, SharePoint.

**AT&T, Bothell WA April ‘09 – Mar ‘10**

**Sr.QA Analyst**

**Project :** Common Services Interface (CSI) is AT&T’s enterprise middleware platform for enabling Business to Business (B2B) partners and internal IT applications. The goal of CSI is to present a set of services that directly support the business processes to do business with AT&T. It provides a robust set of services intended to support the management of AT&T's wireless, DSL and Uverse customers along with network and provisioning services.

**Responsibilities**

* Worked closely with Business consultants, System Designers and Project Mangers to ensure the creation of High Level Scenarios / Test Cases follow the SDLC guidelines and processes
* Design High level test cases based on business and functional requirements with its use cases and system specific High Level Design artifacts
* Created and maintained test cases for execution during each releases
* Worked closely with SOAP protocols and validated WSDL against XML Request using XML Spy
* Import those Soap requests to SOATest and automated those using Parasoft SOATest
* Created and automated test suits in using SOATest and validated all the Responses from those Request XMLs
* Developed automation scripts for internal biller application using QTP
* Performed Functional and Regression testing for Uverse web application using QTP
* Ensure entire end-user experience (i.e. provision, activation, usage, billing, care processes) meets expectations
* Performed backend, negative and downstream testing
* Worked closely with the offshore/onshore team of developers for prioritizing issues
* Managed defect in Clear Quest and followed the defect life cycle to resolve them

**Environment:** HP Quality center 10.00, HP QTP 9.2, Rational ClearQuest, XMLSpy, SOATest 5.5.2, UNIX, Splunk, XML, ITE, WinCVS, Team traker, TOAD, Siebel, Sequelserver 2005, SQL, LDAP and HTTPS.

**GTS Services, Portland OR**  **Jan ‘09 – Mar 09**

**QA Engineer**

**Project :** GTS Services is a glass manufacturer for auto, residential and commercial purposes. It is Client/Server application that processes full services for glass shops. Testing is done based on entire process.

**Responsibilities**

* Used Data Driver wizard to create Data Driven Tests, for testing the application with multiple sets of data
* Developed manual test cases and performance test case
* Generated test data for execution of test cases both manual and automation
* Created defect in Team tracker and responsible for defect tracking

**Environment:** Rational TestManager 7.1, Rational Robot, FunctionalTester 7.1, TeamTrack Workgroup 5.5, VB.net, VMware.

**Kentucky Farm Bureau Insurance, Kentucky KY**  **June’ 08 – Dec’ 08**

**SQA Engineer**

**Project :** Kentucky Farm Bureau Insurance offering Auto, Home, Boat, Renters, Health and Life Insurance policies. The project involved testing the application that processes HealthPersonal and Life insurance policies. This automates the entire process of issuing an insurance policy that starts after receiving an application from the client and ends at issuing of the policy

**Responsibilities**

* Developed Test plan for covering functional, regression, and end-to-end testing for ealHeHhHealth and Life Insurance module
* Involved in creation of automation Framework for the project
* Involved in creating and executing test cases for Manual and Automation Testing using Rational TestManager and Rational ManualTester
* Worked closely with client for gathering test data and creating some new data for Health care module.
* Automated some manual scripts and written new scripts in Rational Functional Tester
* Performed Functional and Regression testing using Rational TestManager, RMT and RFT
* Involved in running Batch Jobs
* Created and managed the defect in Clear Quest and responsible for defect tracking.

**Environment:** Rational TestManager 7.1, ManualTester 7.1, FunctionalTester 7.1, ClearQuest 7.1, Clear Case 7.1, Unix, XML, MQ Series, Sequelserver 2005, MS Access, RUP, Sharepoint.

**COBB Energy, Atlanta GA** **Sep’ 07 – April’ 08**

QA lead

Project : SPL CC&B Upgrade 1.5.20v is a Client Server application. Cobb energy and Gas South is affiliates of COBB EMC. Cobb EMC provides reliable electric and Gas services for North Metro Atlanta area and counties in Southwest Georgia. CC&B provides the functionality for bill payment, new energy and gas connections for the customer.

**Responsibilities**

* Modified the initial Test Plan and developed new Test Plan
* Based on Test Plan, reviewed and developed new test cases
* Performed Functional, Regression and Integration Testing
* Based on the functionalities and old test cases created requirements in RequisitePro
* Prepared automation test plan and created test data for automation
* Automated some manual scripts in Rational FunctionalTester.
* Created Data Driven Test Scripts based on automation Framework to test repeated test Conditions using Rational FunctionalTester.
* Prepared Traceability matrix, execution reports and documentation in Test Manager for the Project.
* Developed Test Metrics and documented.
* Prepared Test data using Toad, oracle and PL/SQL.
* Performed data validation and field verification through Mainframes
* Performed version Control using Clear Case
* Prepared and executed UAT test cases and UAT summary reports
* Created and managed defect in Clear Quest and responsible for defect tracking
* Attended the Regular Core Team Meetings, Weekly Status Meetings, and defects Review Meetings to update the status.

##### **Environment:** Rational TestManager 7.1, ManualTester 6.1, FunctionalTester 6.1, Requisite Pro 7.1, ClearQuest 7.1, Clear Case 7.1, Unix, Oracle 10g, SQL, PL/SQL, and Toad.

**Countrywide Insurance, Calabasas, CA**  **April’ 07 – Aug' 07**

**QA Analyst.**

**Project :** It is web based Underwriting Desktop, is the common interface for new business insurance processing. The Underwriting provides the functionality to track and process a life insurance application from the mail center through policy issue. Underwriting Desktop functions as Record insurance application information, Order and collect applicant information, Monitor the status of case folders as they undergo the underwriting process.

**Responsibilities:**

* Analyzed Technical Requirement Documents, Business Requirements, and created Test Plan and Test Cases.
* Involved in creating the Test Cases.
* Performed end-to-end system testing.
* Overall responsibility for Defect Tracking Management using TeamTrack WorkGroup 5.5.
* Prepared Test Summary Reports and User Acceptance Test Summary Report.
* Documented the Test Traceability Matrix.
* Performed Backend Testing of Different Regions using SPUFI for back end testing on DB2 for conversions to verify the test data.
* Executed batch jobs using JCL commands and reported the issues found.
* Attended the Regular Core Team Meetings, Weekly Status Meetings, Client Meetings, and Defects Review Meetings to update the status.

**Environment:** Test Director 8.0,TeamTrack Workgroup 5.5, Windows NT, UNIX, DB2, JCL,

**Enovy Technologies, Bangalore, INDIA**  **Feb’ 06 – Nov’ 06**

**Client: TRAVELOCITY/SABRE**

**Software Test Engineer**

**Project :** Travelocity – X factor enables availability of x-factors- Additional Travel features, such as ground transportation, theme park tickets, Hotel bookings, and other attractions destination activities, through the travelocity site, QA goal is to verify purchase of x-factors through frond-end and backend verifications.

**Responsibilities:**

* Created and recorded Vuser scripts for automated testing using Load Runner.
* Parameterized the test scripts to test the AUT with multiple sets of user data.
* Participated in Load and stress Testing.
* Prepared Test cases for Functional Testing and regression testing.
* Used Test Director for scheduling and executing test sets, collecting test results, and analyzing the data.
* Attended the Regular Team Meetings, Weekly Status Meetings, and Defects Review Meetings for the updates.

**Environment:** IBM OS/390, DB2, LoadRunner 6.0, Test Director 7.0, SAP, XML and MS Project.