**Archana Chandaluri**

**Professional Summary**

• 7+ years of experience in **Software Quality Assurance** and **Software Testing** of Client-Server, web based applications.   
• Experience in using the automated testing tools **HP LoadRunner, QTP, Test Director/Quality Center, WinRunner.**.  
• Worked closely with developers, support group to ensure test environment, application and data readiness.  
• Involved in Business Requirement Analysis, and writing Test Plans, Test Cases, Test Scripts for web-Based and Client/Server applications.   
• Experience in **Functional Testing, System Testing, Configuration Testing, Regression Testing, Black-Box Testing, Performance Testing** and **Back-End Testing**.  
• Comfortable with various Industry Leading Operating systems (**Windows NT/98/95/2000/XP** and **UNIX**).  
• Conversant with **SDLC** and **Rational Unified Process** (RUP).  
• Efficient in Bug Tracking and Reporting using automated testing tools **(Test Director/Quality Cente**r).  
• In Depth Knowledge of **Oracle Database**, **SQL** and **PL-SQL**.

• Excellent understanding of Software Development Life cycle and Software Testing Life Cycle.  
• Solid understanding of manual testing process and experience in logging defects using QC (**Quality Center**).  
• Experience in executing the test script manually first for application stability and then recording the same in Quick Test Professional for regression testing.  
•Experience in writing SQL queries as part of the testing process using **MySQL, Toad** and **SQL developer tools.**

• Self-starter with strong interpersonal and communication skills, excellent at learning and adapting to new technology and ability to work individually as well as in collaborative team environment.

**Technical Skills**

|  |  |
| --- | --- |
| **Databases** | Oracle 8i, SQL Server, MS-Access and TOAD |
| **Languages** | .NET, SQL, PL/SQL |
| **Testing Tools** | QTP 9.2, LoadRunner 9.10, Test Director7.6 / Quality Center 8.2 |
| **Operating system** | MS-DOS, UNIX, MS Windows 98/NT/2000/XP |
| **Web Technologies** | HTML, DHTML, XML |
| **Manual Testing Tools** | HP Quality Center |
| **Automation Tools** | HP Quick Test Professional (QTP), Load Runner, Selenium |
| **Testing Methodologies** | Black box testing, Integration Testing, System Testing, Functional Testing, Regression Testing, Waterfall and Agile |

**Education**

**Masters of Science (M.Sc)**

**Professional Experience**

**Client: American Express, Phoenix, AZ May 2011- Present**

**Role: QA Analyst**

**American Express**, also known as AmEx, is an American multinational financial service corporation. The company is best known for its credit card, charge card and traveler’s cheque businesses. The purpose of this project is to test the shared components of the prescriptive architecture documents which is a part of .NET 4.0 framework release.

**Responsibilities:**

* Coordinate in gathering the requirements and translating them to technical specifications.
* Worked with development team members, testing team to better understand system functionality in order to improve testing quality control services.
* Provided valid inputs and got involved in preparing test plan, test strategy along with the management team for building test cases and test execution.
* Prepared test data for positive and negative **test scenarios** as per application specifications and application requirements.
* Create test cases for based on the scenarios and map them with requirements using **Quality Center 9.0**.
* Status reporting to the customer, rising defects in Quality Center, tracking, and closure of defects.
* Responsible for Back End Validation that involves creation and execution of SQL Queries.
* Involved in System testing, Functional, Regression, Integration testing and End-to-End testing.
* Maintained defects in Quality Center based on Defect Tracking Life Cycle.
* Perform **web test** using **Quick Test Professional** for checking **page contents**, **broken links**, **web objects**, **frames** and **tables**.
* Provide valid inputs and involved inQA Sign off on the releases.
* Adhere to department and organization guidelines, standards, policies and procedures.

**Environment:** QC 9.0, Quick Test Professional 11.0, My SQL, Oracle SQL Server, UNIX, VB Scripting, .NET, HTML, Oracle, MS Office 2003 etc.

**Client: Bank of America, TX March 2010- April 2011**

**Role: QA Analyst**

**Bank of America** provides a comprehensive line of banking, brokerage, insurance, investment, mortgage, and trust and payment service. This project involves loading different client’s data, designing and developing various types of reports for the marketing group.

**Responsibilities:**

* Used black box testing for working throughout STLC & test environment
* Followed Agile/Scrum Process and each iteration was for 2-3 weeks
* Analyzed functional requirements from Business requirements.
* Coordinated and conducted UAT Testing.
* Prepared Test Plan and Test Scenarios document
* Tested AML(Anti-Money Laundering) Functionalities
* Participated in Risk analysis with dev team and BA.
* Conducted Functional, Regression, Integration and System Testing using Rational Suite
* Participated in functional testing of DDA (Demand Deposit Accounting) application.
* Tested the functionality of MTS (Money Transfer System).
* Conducted testing of Credit Card / Debit Card transactions.
* Conducted Credit Card transaction validation, messaging and files.
* Tested the Debit Card messaging and files.
* Conducted Regression, Integration and Functional Testing using Rational Functional Tester
* Developed scripts using Mercury
* Automated the reusable areas and developed reusable functions using Rational Functional Tester.
* Trouble-shot / trained the QA and development teams with automation tests scripts and automation goals.
* Strong Manual and Functional testing knowledge with technical exposure to ETL, Cognos, Oracle and AS400.
* Developed and m
* Maintained the Traceability matrix between requirements and test cases.
* Attending Bug meetings and design development meetings.
* Automation scripts are handled based and on the concepts of Regular Expressions in QTP script.
* Implemented QTP 10.0 for automating the Regression Sets.
* Created Traceability between Requirements and Test Cases.
* Tracked the defects using Test Director and generated defect summary reports.
* Worked with Unix Shell Scripts and edited the scripts using Vi-Editor.
* Involved in testing the database using SQL.
* Designed the Data Driven tests in Quick Test Professional (QTP) script to validate with different sets of test data.
* Worked with SQL Queries to validate the data in Oracle database.
* Documented the manuals, user training and reports.
* Tracked defects using Quality Center.

Environment: QTP 9.5/10, Quality Center 9.0/9.2, Java, java Script, XML, SOAP, Mainframe, Oracle 10g, Oracle SQL, Unix, MS Office, Windows NT/XP.

**Client: Capital One, Richmond, VA Aug 2008- Feb 2010**

**Role: QA Tester**

**Responsibilities:**

* Reviewed the Business Requirements document with the business and business analyst team to understand the architecture and functionality of the application.
* Performed Business functionality testing, which involved testing of all core functions of the application.
* Performed Manual Testing on the application.
* Involved in preparation of Test Plans for different applications and documented test cases and scripts for various functionality of the application in Mercury Quality Center.
* Wrote automated test scripts for all the modules in the Application, and used these scripts for testing the application using QTP.
* Performed Functional and Regression Testing utilizing automated VB Scripts (QTP).
* Tested the credit card and financial reporting applications.
* Performed functional testing to identify various critical points in the application and automated it by using QTP.
* Performed Regression testing for new builds and every modification in the application using QTP.
* Maintained web pages on AS400 system that allowed customers to check account status via the Internet.
* Performed all Testing activities for Advanced Lending System (ALS) both Commercial and Consumer Lending, Loan Tracking, Retail Banking, CPCS (Check Processing Control System), DDA, Debit Cards, Credit Cards, Transactions, IMPACS and settlement files.
* Developed various Test Conditions and tested Advanced Lending System (Commercial and Consumer), Account servicing, Sales and Branch Management functionality.
* Responsible for technical and administrative work that involved: installing and operating AS400 hardware, operating systems and peripherals; responsible for assisting MIS staff in establishing connectivity to the LAN and maintaining effective AS400 hardware and software operation.
* Interfaced with end users and managers to provide support for AS400 related business needs.
* Checked the Database for existence of Credit Card and for saving credit card information.
* Tested and Validated Credit card number and Consumer Information.
* Validated the data using SQL queries in QMF on mainframes.
* Created a single huge shared object repository for all the different modules by using the Object Manager in QTP Repository.
* Wrote SQL, PL/SQL queries to access the data from the SQL SERVER database tables and crosscheck the results.
* Integrated the Quality Center (QC) with Quick Test Professional (QTP) 10.0.
* Categorized defects in Mercury Quality Center based on severity and interfaced with developers to resolve them.
* Responsible for managing and maintaining AS400 operations for a very large client that uses APLUS accounting software.

**Environment:** Mercury Quality center 9.5, QTP 9.5, .NET, Oracle 9i, Web logic, IBM Mainframes (IMS DB2, QMF, JCL, CICS, COBOL / DB2 / SQL, VSAM, QMF, Change Manager, XML, MQ Series, MS-office.

**Client: Cerner Corporation, Kansas City Jan 2006- July 2008**

**Role: Performance Tester/ Compliance Quality Specialist**

Cerner Millennium is a healthcare information technology computing platform helping health professionals elevate safety, quality and efficiency.   
  
ProCure is an online supply chain information system focused on comprehensive automation of supply chain management processes. ProCure functions are fully integrated with the Cerner clinical, administrative, and financial management systems. The Cerner solution supports all the capabilities of a traditional healthcare materials management system.   
  
PharmNet fully integrates with other clinical applications, automating medication use across the entire spectrum of medication management. PharmNet goes beyond automating basic pharmacy functions by providing for the enterprise-wide management of pharmaceutical therapy critical to reducing risk in the medication-use process.  
  
**Responsibilities:**  
  
• Involved in process development and metrics evaluation for Feature Testing, which involves tracking feature movement for the entire period of Feature Testing cycle. Also involved in metrics and process development Regression Testing cycle.   
• Followed Quality process and standard operating procedures.   
• Participated in requirements and design meetings.   
• Prepared, reviewed and executed the tests plan and test cases based on requirements.   
• Involved in writing and reviewing the test cases.   
• Utilized testing tools to manage the testing process.   
• Documented and coded the automated test cases using QTP.   
• Executed manual and Automated tests   
• Verified EDI test files to communicate with external vendors.   
• Logged and tracked defects identified during testing cycle.   
• Maintained testing evidence for each test case by using Test Director.   
• Troubleshot, tracked and escalated issues related to the test execution.   
• Communicated project status to Leadership.   
• Involved in Internal and External Audits.   
• Involved in FDA Audits   
• Tests using Load Runner, Monitor system under load using in-house tools and in conjunction  
• With Capacity Planning  
• Configure all necessary hardware and software to support Load Runner.  
• Involved in designing and maintaining SharePoint Site.   
• Involved in Quality Process - Preparing the Monthly Quality Reports, Benchmarking Reports.  
• ISO Performed monthly reviews & followed the process defined for ISO purpose.   
  
**Environment:**  
Manual Testing (Black box), Automated testing, Load Runner 7.8/8.0, Visual Basic 6.0, VB.Net, Oracle 9i,Unix, QTP 8.2, TestDirector 7.5, Cerner Navigator, Feature Tracker, Requisite Pro, Revision info, VB script.