**Mukesh Chaudhary**

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**Sr. Automation/Manual QA Engineer**

**Summary:**

* **Over 7 years** of experience in Software Quality Assurance in **Manual/ Automation** Testing.
* Strong knowledge of **Software Development Life Cycle (SDLC**) & Software Testing Life Cycle (**STLC**).
* Performed **GUI**, **Functional**, **Integration**, **Regression**, **Data Driven Testing**, **User Acceptance**, **Smoke**, **Sanity** and **System** testing.
* Experience in writing **Test Cases**, developing and maintaining **test script** based on business and functional requirements.
* Experience in Test Data creation based on requirements, **Test Case execution**, generation and documentation of Test results.
* Involved in testing of application both **manually** as well as using **automated** tools like **Quick Test Pro**, **Quality Center**.
* Proficient in analyzing the **BRS**(Business Requirement spec), **SRS**(System Requirement spec) and **FRS**(Functional requirement spec) for preparing and documenting the Test plans, Test cases and executing the Test cases for both manual and automation testing.
* Experience in validating the ETL applications built using Informatica, Ab Initio, **SSIS,** Data Stage.
* Experience in Defect tracking, Defect management and Bug Reporting Tools like **Quality Center, Test Director**, **Rational Clear Quest** and version control tools like **Rational Clear Case**.
* Experience in testing **Electronic Data Interchange (EDI)** according to **HIPAA** Compliance.
* Heavily used **Quality Center** for managing test cases, executing and storing results and raising defects.
* Vast knowledge and experience in Health Care industry, experienced in testing different healthcare **ERP** solutions such as **FACETS**, **MedPlus**, **EPIC** and other claim processing solutions.
* Experience in using test management tools like **QC (Quality Center)** and **Test Director**. Have hands-on on experience in other bug tracking tools **JIRA**.
* Extensive working experience in **Agile (Scrum)** and **Waterfall** methodologies.
* Experience in writing **SQL** queries and other database operation for various RDBMS like **ORACLE**, **SQL Server** and **DB2**.
* Extensive working experience in **Web-based and Data Warehousing** environment.
* Experience in creating **Requirement Traceability Matrix (RTM)** to ensure comprehensive test coverage.
* Experience in creating TEST Environment for **VC++, VB6, .NET, JAVA on Windows** based system.
* Proficient in Internet concepts, protocols, browsers (**Mozilla Firefox, Opera, Netscape, IE**), protocols like **HTTP, HTTPS, FTP, SMTP**.
* Experience in testing Web, **Web Services** and Client/Server software.
* Experience of **UNIX** Server with respect to Operating System and variety of commands.
* Expertise in **JAVA, HTML, XML, QTP** and **SOAPUI** automation tools.

**Technical Skills:**

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| **Bug Tracking Tools:** | JIRA, Test Director, Quality Center, HPQC 11.5 (ALM) |
| **Testing tools:** | QuickTest Professional (QTP), HP TestDirector, HP WinRunner, Selenium, SOAP UI, Load Runner |
| **Web Browsers** | Internet Explorer, Google Chrome, Mozilla, Firefox, Safari |
| **Databases:** | ETL, Informatica, Oracle 9i/10g, SQL Server, MS Access, and MySQL |
| **Microsoft Technologies:** | VBScript, .NET, C#, Java |
| **ETL Tools:** | Informatica Power Center 8.x/9, Ab Initio, SSIS and Data stage |
| **Web Technologies** | CSS, HTML, XML, iPad, iPhone, Android |
| **Others:** | Macromedia Dreamweaver, I-frames and Microsoft Office (Outlook, Project, MS Visio, Excel, Word, & PowerPoint). |

**WORK EXPERIENCE**

**American Heart Association, Marietta, GA Aug 2013 to Present**

**Sr. QA Engineer (Automation/Manual)**

American Heart Association is the nation's largest voluntary organization. It strives for building healthier lives, free of cardio vascular diseases and stroke. This application is designed to collect donation from various Volunteer programs and the customers can login to the web portal to donate. Contacts are created as Individuals and donations are stored in Assets.

.**Responsibilities:**

* Performed Functional, System and Regression testing (using **SOAPUI**) of a web based application working in an agile environment.
* Involved in developing detailed Test Strategy, test plan, test cases using **Quality Center** for Functional and Regression Testing.
* Involved in writing **Test plans** and **Test Design.**
* Interacted with end users to obtain specific system requirements.
* Prepared **test cases** for Boundary Value Analysis using **Black Box testing** techniques.
* Executed test cases manually and automated to check **GUI** and Functional features of the application, compared and analyzed actual with expected results and reported all deviations to the appropriate individual(s) for resolution using **QC**.
* Tested the **ETL** Informatica mappings and other **ETL** Processes (Data Warehouse Testing) for end to end testing.
* Analysis of Business requirements & Design Specification Document to determine the functionality of the **ETL** Processes.
* Converted manual test scripts to automated test scripts in **QTP**.
* Used various quality control analysis like **Manual**, **GUI**, Functionality Testing, **Smoke testing**, **White Box testing**, System testing, Database Testing, Integration, **User Acceptance Test (UAT)**, Performance, and Regression Testing, Web Testing **(Java & HTML pages)** using **Quick Test Professional(QTP)** and **Quality Center (QC).**
* Used **HP QTP** to develop and maintain reusable Test scripts and worked with Expert view Environment using **Parameterization, Checkpoint, Regular Expression, Object Model, Virtual Objects, and Recovery Scenarios** etc.
* Involved in preparing Test Data for various scenarios.
* Performed quick checks on the application UI using **Selenium**.
* Utilized **SSIS** (SQL Server Integration Services) and **SSRS** (SQL Server Reporting Services) to produce a **Data Warehouse** for reporting.
* Exported and Imported test data between **Quality Center** and **MS Excel/Word**.
* Performed an end-to-end test in a production environment to validate new or updated business processes, customization and configuration, reports, and **data migration**.
* Testing the operational tasks involved in loan products covering account creation,approvals, and disbursals, making payments and closing of accounts using end- end testing.
* Performed **end-end testing** to carry out operational tasks in saving products, client management.

**Environment:**

QTP, Quality Center, JIRA, .Net (VB.Net, ASP.Net, C#.Net), SSIS, SOAP, MS Office 2007, VB Scripting, Java, Windows, Selenium, UNIX, C, PL/SQL, Oracle, SQL Server, both Manual and Automation testing.

**Tennessee Department of Health (Nashville, TN) July 2012 to Aug 2013**

**QA 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 all the ETL processes developed for fetching data from OLTP systems to the target Data warehouse using complex SQL queries.
* Tested web application interface, functionality, usability and **performance**, using **SQL** and **Selenium**.
* Created test cases and test plans for testing the ETL process and reports.
* Designed and Documented Test procedures and Test cases for **User Acceptance**, **Functional** and **Integration** testing using **Quality center**.
* Developing new functionality for requirement including both **back-end** and **front-end**parts (**Java**&**JSP Java**/**J2EE**, **Web services**, **SOAP**, **XML**, **Oracle**).
* 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.
* Prepared UNIX scripts to run the Informatica ETL jobs from command line.
* 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.
* Writing complex SQL queries for data validation for verifying the **SSIS** Packages and business Rules.
* Mapped Requirements to test cases, providing **Requirement Traceability Matrix** to ensure project implementation within given timeline using Quality Center.
* Wrote **SQL (Toad)** 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:**

QTP, Quality Center, Test Director, SQL, Java, J2EE, Apache, SOAP, Toad, Selenium, MS Office, Oracle 10i,Web logic.

**QBE Financial Partner Services (Atlanta, GA) Jan 2011 to July 2012**

**QA Engineer**

QBE provides audit, tax and advisory services and industry insight to help organizations negotiate risks and perform in the dynamic and challenging environments in which they do business. EAudIT, an enterprise solution designed and developed to build support and enable the audit and advisory methodology. It is robust and easy-to-use application that supports consistent implementation of the audit, advisory process and helps to drive quality with industry standards and compliances. EAudITbalances prescriptive screen-driven data entry with the more familiar forms/document-driven data entry using InfoPath form to achieve its requirements and to support electronic workflows, Electronic reviews, real time connectivity/ Synchronization and team management.

**Responsibilities:**

* Analyzed business requirements to understand the needs and developed **Automation test plans** to achieve the objective of the testing process.
* Achieved objective of testing process Using Business requirements to create **automation test plan.**
* Used **TestComplete7** to test **Functionality**, **Performance** and **Validation** Scripts and smoke.
* Designed the **Automation Script execution plan** for Version releases and interim builds.
* Performed **Workgroup**and **Workgroup plus performance testing** for 1Eng with 1, 5, 15, 10, 25, 30Clients.
* **Developed test scripts** for critical workflow using **TestComplete7** to perform **regression testing**
* Coordinated with the team in developing the Functional Test Scripts and Created **Design documents** for offshore team.
* Used **checkpoints** for checking functionality specifics to enhance automated test scripts
* Created scripts handling app error in order to recover from a crash and continue execution.
* Execute test processes for new and existing web-based client server software applications using **Selenium**.
* Validated field levels in different locals for Date, Text, Alphanumeric, Currency, Numeric, Percentage and Combo box fields with the use of test data**.**
* Used external excel sheet to enhance script with **parameterization.**
* Worked with **Regular expression** with testing window titles, Status Bar messages and dialogue box messages.
* Manually verified database changes which acquired due to the new inputs in tables and new fields
* **Performance testing** on different functionalities with, US images , between different builds and global image
* Extensively used **TFS** as a repository for scripts and **Defect Tracking**.
* Interacted with end-users in different countries and resolved the issue by helping them.
* Resolved end user issues in different countries by helping them understand how to use the functionalities.
* Actively participated in **QA walkthroughs** and **Defect review** meeting.

**Environment:**

TestComplete7, VB Script, VB .Net, SQL Server 2005, Selenium, WPF, XAML.VSTS2005, VSTS2005, and VSS (Visual Source Safe).

**TMX, Alpharetta GA Mar 2009 to Jan 2011**

**QA 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 LabWare application and verify that the data migrates from LabWare 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, BI Report Studio, Cognos 7.3 Series, Teradata, Oracle 10g, SQL Server 2005/2000, HP Quality Center 9.2, SQL/PLSQL,Sybase, QTP, TOAD, XML, XSLT, XML Spy 2008, Quality Stage 7.1, Korn Shell Scripts, UNIX, Windows XP.

**Kemper Corporation, Dallas, TX June 2008 to Mar 2009**

**QA Analyst**

Kemper (KMPR) is one of the nation's leading financial services and insurance providers. The Kemper family of companies specializes in property and casualty insurance and life and health insurance products for individuals, families, and small businesses. Kemper formally known as Unitrin Specialty is one of the top auto insurance specialists in the U.S. The purpose of this project (Exceed and Webrater) is to build Kemper's policy and billing software for their underwriters and different agency. Kemper is developing their new Client server and web base applications to replace their legacy system at conversion.

**Responsibilities:**

* Designed the efficient **manual test** cases (both **positive and negative**) based on the analysis of Business Requirement documents, **SRS**, Functional Specs, **Technical Design documents** and Use cases.
* Interacted with Specification requirements team and developers regularly.
* Responsible for performing the **Regression tests** for every new builds, **interim builds**, candidate builds and modifications in production, development and QA environments.
* Analyzed the **business logic** of trading and banking operations and **designed test cases**.
* Worked on different trading module stocks, Options and Mutual funds.
* Tested Kemper banking modules for brokerage and bank accounts.
* Analyzed end to end functionality by testing the application manually.
* Involved in user **authentication testing** for both Android and Apple devices.
* Tested the application for **navigation** to different pages, buttons and other features on the page.
* Tested Kemper application in **iPad**, **iPhone**, version 3 and 4.
* Tested different modules of application in Android.
* Used QualityCenter10 to design the **scripts**, perform **baseline testing**, execute the scripts and organize all the scripts systematically and generate reports.
* Updating scripts in **QualityCenter**and excel sheets.
* Interacted with business analyst to discuss better UI features that can be provided through the application to the clients.

**Environment:**

Windows, SQL Server, Quality center.