**Job Title :** Senior ETL QA Tester

Gayithri Chamarthi

# Summary:

* Over 10 years of experience in Manual and Automated testing on web based, Client/Server and data warehousing applications.
* Well-versed with all stages of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* Experience in Integration, Functional, Regression, System Testing, Load Testing, and UAT Testing.
* Experience in Web based applications like online banking, transactions applications.
* Experience in testing with INFORMATICA, DataStage and Talend ETL tools.
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica graphs.
* Sound Knowledge and experience in Metadata and Star schema/Snowflake schema. Analyzed Source Systems, Staging area, Fact and Dimension tables in Target D/W.
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Experience in preparing Test Strategy, developing Test Plan, documenting Test Cases, and writing Automated Test Scripts.
* Strong experience with project related to operational data stores/data warehouse/data marts in a testing role.
* Experienced in developing and implementing comprehensive SDLC and test strategies methodologies.
* Experienced in planning and executing tests from large system wide testing (SIT, Functional, Regression, UAT, Performance, etc.)
* Extensive experience in working with both agile and waterfall methodologies.
* Proven hands-on experience with quality assurance practices, including project plan development, test strategy development, test plan development, test case & test data review, and test automation.
* Creative problem solver with advanced analytical, planning, and scheduling skills with a focus on timely delivery with utmost quality
* Wrote various technical documents, including Business Requirements, Functional and Technical Specifications, Data Flow and Process diagrams using MS Visio tools.
* Implemented and managed project Change Control System and processes and tracks project issues resolution.
* Managed team SharePoint site.
* Assists and cooperates with co-workers, supervisor, and management.
* Assist with developing test plan time line
* Developed, designed, planned, and scripted testing scenarios for feature and regression testing for companies core products
* Ability to apply detailed knowledge of organizational procedures to make independent decisions and serve as a credible resource for a senior management team
* Maintain Cooperative relationship with developers and communicate with both technical and nontechnical stakeholders.
* Introduced SDLC process which brought QA testing in on the front end of the development cycle for gains in code quality, software functionality and programmer productivity.
* Interacted with Developers and Business Analysts to perform various types of testing throughout Software Testing Life Cycle
* Made extensive use of MS Office tools to create and maintain documents such as Test Plans, Test Execution and Test Results Documents.
* Developed Test Scripts using Functional Requirement Documents. Test scenarios are created for Positive, Negative, Boundary cases, etc. Performed all types of testing on workflows and server software.
* Briefly worked on Snowflake Datawarehouse for one of the projects that require testing.
* Develop Test strategy, test plan/design , execute test cases and defect management for the ETL & BI systems.
* Client-facing, Presenting the deliverables with project stake holders.
* Strong knowledge on ETL and BI processes
* Excellent communication, documentation, and presentation skills
* Strong knowledge on ETL and BI processes

# Experience:

Los Angeles Federal credit union

Los Angeles ca May 2019- current

Senior ETL Tester

**Responsibilities:**

* Understanding stages of Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
* develop Erwin for Logical and Physical database modeling of the warehouse, responsible for database schemas creation based on the logical models.
* Wrote complex SQL scripts to avoid Informatica Look-ups to improve the performance as the volume of the data was heavy.
* Investigated and determined root cause of issues by reporting defects utilizing HP Quality Center, ClearQuest and JIRA to maintain defects and check defect status.
* Executed various testing methods such as black box, functional, regression and user acceptance testing to validate requirements are met.
* Trained new testers creating and documenting defects, testing, configuring mobile devices and supported team during testing.
* Used Quality Center for defect tracking and prioritizing defects and to manage changes.
* Analyze system requirements and system architecture and create Test Plan for System Integration Testing (SIT), QA Testing, UAT, and Performance Testing.
* Created Use Cases for SIT, QA, and UAT testing.
* Created effective estimates for Test Plan, Test Preparation & Test execution for SIT, QA, UAT and performance testing.
* Tracked and communicated project tasks progress against deadlines and provided measurable results to management by using MS Project and MS access.
* Created different budgets like TANF, SNAP.
* Created and submitted project status reports using report testing status for different projects involved using JIRA.
* Performed analysis of the Benefit Coding conversion processes to incorporate effective dating of member benefits into the COTS claims processing system
* Used SOAP UI to validate the data with the backend load files from the SharePoint and developed test cases and used the SQL query to verify and validate the DB operations..
* Logging of defects in HP ALM to maintain Test requirements and to communicate the bugs with the Developers.
* Executed SQL Queries to retrieve data from tables and to perform backend testing
* Performed analysis of the Benefit Coding conversion processes to incorporate effective dating of member benefits into the COTS claims processing system
* Used MS Excel (Pivot tables), SQL to design and test
* Interacted with members of multiple projects like Claims, Payment, and Enrollment to maintain compliance, and analyze and document requirements accordingly.
* Participated in requirement walkthroughs and creation of a test plan.
* Developed automation test scripts for performing regression testing on the application using Quick Test Pro.
* Participated in walkthroughs, weekly defects review meetings.

US bank Mar 2017 –Mar2019

Minneapolis, MN

ETL Tester

**Responsibilities:**

* Utilized SQL and PL/SQL for test setup and data validation on Access, Oracle, SQL Server, and Sybase databases
* Facilitated Change Control Board meetings, team staff and technical meetings as a key thought leader within the organization.
* Developed and executed testing plans to find defects in software and pinpoint workflow issues
* Excellent communication skills with the ability to write professional, succinct quality documentation according to company standards
* Collaborated with the business and project teams to evaluate requirements for testing new or modified products and documentation prior to production release.
* Execute manual test cases, analyze results, report and track defects, verify fixes and perform follow-up work to resolve issues
* Lead teams to create and execute test plans and scripts that will determine optimal application performance according to specifications
* Work closely with project managers and developers and handle multiple priorities simultaneously
* Created and executed mapping using Slowly Changing Dimensions Type 2, Slowly Growing Target, and Simple Pass Through.
* Prepared technical designs for Informatica mappings.
* Developed mapping for fact loading from various dimension tables.
* Contributed to logical and physical data modeling for the new data warehouse.
* Execute manual test cases, analyze results, report and track defects, verify fixes and perform follow-up work to resolve issues
* Lead teams to create and execute test plans and scripts that will determine optimal application performance according to specifications
* Developed, designed, planned, and scripted testing scenarios for feature and regression testing for core products
* Ability to apply detailed knowledge of organizational procedures to make independent decisions and serve as a credible resource for a senior management team
* Responsible for all aspects of the QA cycle for assigned projects
* Developing Test Cases, Test Strategies and Test Plans that will ensure comprehensive test coverage
* Strong analytical abilities, solid analytical and trouble-shooting skills, with the ability to quickly identify and resolve client issues
* Assist in developing test modules, perform data preparation, create test scripts, and produce testing outputs
* Conducting hands on functional, and system integration testing; report, track and follow up on issues in a timely manner
* Working closely with technical and non technical peers and senior management to promote successful delivery of products and services
* Supporting continuous improvement of the current test process
* Knowledge in writing basic SQL queries and end to end workflow
* Solid expertise in testing Buy/Sell Side Order Management Systems
* Developed Test Scripts using Functional Requirement Documents. Test scenarios are created for Positive, Negative, Boundary cases, etc. Performed all types of testing on workflows and server software.
* Analyze business requirements, conduct gap analysis and work closely with developers to deliver high quality software. Perform backend testing using basic SQL queries.
* Execute testing efforts for a number of concurrent projects across multiple browsers, operating systems and handheld mobile devices.
* Drafted test cases based on test plans. Designed, scheduled and executed test cases within the predefined time frame.

**Optima Care Pharmacy Feb 2014- Jan 2017**

**Glendale, CA ETL Tester**

**Responsibilities:**

* Developed test scripts using SQL and PL/SQL according to the mappings and rules specified in mapping document.
* Designed, developed, created, and executed test plans and cases based on software requirements and technical understanding of product architecture.
* Executed various systems, performance, and batch testing, UAT testing, integration, regression and ad-hoc tests according to approved test plans and testing schedules.
* Performed testing on an agile team with two week sprints; estimated testing tasks, developed test cases, and coordinated regression testing performed by developers.
* Demonstrated positive communication skills and with production teams to test and prepare games.
* Responsible for daily audit of multiple accounts for accuracy and turnaround time. Identified and analyzed document problems with program function, output, online screen, or content
* Displayed and achieved service-focused culture with emphasis on delivering on-time, high-quality products and services to internal and external customers.
* Understanding of the data model.
* Client-facing, Presenting the deliverables with project stake holders
* Designed, developed, created, and executed test plans and cases based on software requirements and technical understanding of product architecture.
* Executed various systems, performance, and batch testing, UAT testing, integration, regression and ad-hoc tests according to approved test plans and testing schedules.
* Performed testing on an agile team with two week sprints; estimated testing tasks, developed test cases, and coordinated regression testing performed by developers.
* Demonstrated positive communication skills and with production teams to test and prepare games.
* Successfully developed and executed test plans, procedures, use cases and test scripts, and provided in-depth analysis to create and rollout new software.
* Provide technical assistance to Developers and Project Managers to ensure software delivery is efficiently completed to QA standards
* Develops and maintains good working relationships with cross-functional teams to ensure a productive working environment
* Improved product usability by creating feature enhancement requests, as well as performing systems analysis on existing products where documentation was lacking.
* Work closely with developers, business stakeholders and act as an integral part of the software development team using iterative development process
* Gathering the Test Input data. Test Input data includes Pre-condition, Test Input, Test Result, Test Regression data.
* Gathered past application response time metrics and business transactions from production support team for developing realistic test scenarios and load models.
* Work closely with developers, business stakeholders and act as an integral part of the software development team using iterative development process
* Work with development teams to create test plans for enhancements and fixes on applications
* Work as a part of team to perform manual/automated functional, regression and performance testing on Data Invariant Layer project
* Work as part of a team to perform manual / automated functional, regression and performance testing on all Utility Technology systems and projects
* Help manage, develop, and improve processes and procedures within the department

# Skills:

* + Accomplished and result-driven Technical Quality Assurance professional with experience in quality assurance
  + Proficiency with HP (mercury) tools – ALM/Quality Center, QTP
  + Should have progressing skills on Business Analysis, Business Knowledge, Software Engineering Leadership, Architecture Knowledge, and Technical Solution Design
  + Highly motivated, able to work independently
  + Expertise with QA Deliverable tool set - (Quality Center, SharePoint, Microsoft Project/Excel)
  + ETL & SQL Scripting Experience - Basic Knowledge
  + Strong background in both Agile/Waterfall Methodologies
  + Strong SQL scripting / ETL testing skills, Web application testing experience
  + Working Knowledge of Defect management process, Risk Framework and mitigation, and Enterprise Testing standards
  + Ability to write and understand complex SQL queries
  + Azure (snowflake and data brick)
  + Microsoft (SSIS, SSRS, SSAS AND POWER BI)
  + ADO and JIRA
  + Informatica and Teradata