**Johnson Mongi**

Sr. BI Test Analyst

# SUMMARY:

* 7 years of valuable experience in Information Technology working for diverse healthcare domain.
* Expertise in Testing of Data Warehousing/Business Intelligence applications and experience in working with EDWs (Teradata, Oracle, DB2, Sybase, SQL Server).
* Extensive experience in testing Reports like dashboards, drill up and drill down, adhoc as well as scheduled.
* Good exposure with writing SQL scripts, complex SQL queries, Testing of Source to target mappings, Testing of BI Reports.
* Experience in Performance Tuning of SQL and Stored Procedures.
* Automated and scheduled the Informatica jobs using UNIX Shell Scripting.
* Experience in all phases of Software Development life cycle.
* Performed Unit, Integration and System Testing.
* Proficient in testing projects from inception, requirement specification, planning, designing, configuration management & documentation and post production support.
* Rich onsite exposure of coordinating end to end testing processes, executing projects, interacting with Onsite Testing for removing gap between client expectations & testing capabilities and assisting onsite work in planning & risk mitigation in critical situations.
* Working Knowledge on all Phases of Software Development Life Cycle (SDLC), Software Testing Life Cycle (STLC) and testing methodologies such as V-Model, Agile and Waterfall Model
* Deft in testing methodologies viz. BI - ETL Testing, Report Testing, Manual Testing and Automation testing (QTP), and Database Testing; and completing highly complex test optimization.
* In-depth knowledge of various tools such as ETL Tools: Informatica and Datastage Director; Reporting Tools: Microstrategy, SAP BO, OBIEE; Automation Tools (QTP), Quality Centre (QC) and Basic UNIX commands.
* Team Player with excellent communication, planning, analytical and organizational skills
* Good analytical and problem solving skills.
* Team player with excellent Organization and Interpersonal skills and ability to work independently and deliver on time.

**TECHNICAL SKILLS:**

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| **ETL Tools** | Ab Initio, (GDE 1.15, Co>Op 2.15), EME, Data Profiler, Informatica9.x/8.6/8.1/7.1/6.2/5.1 (Power Mart/Power Center) (Designer, Workflow Manager, Workflow Monitor, Server Manager, Power Connect), SSIS, Data Stage |
| **Data Modeling** | Erwin 4.0/3.5, Star Schema Modelling, Snow Flake Modelling |
| **Databases** | Oracle 11i/10g/9i/8i, MS SQL Server 2008/2005/2000, DB2, Teradata, Sybase 12.5, MySQL, Netezza |
| **OLAP Tools** | Cognos 8.0/7.0/6.0, Business Objects XI r3/r2/6.x/5.x, SSRS, SSAS, Crystal Reports, OBIEE |
| **Languages** | SQL, PL/SQL, XML |
| **Tools** | Toad, SQL\* Loader, WinSQL, SQL Developer, Teradata SQL Assistant, SQL Plus\* |
| **Operating Systems** | Windows 2003/2000/NT, AIX, Sun Solaris, Linux |

### EXPERIENCE:

**Health Partners Inc. Philadelphia, PA May 2018-Jan 2020**

**Sr. BI Test Analyst**   
**Description:** The project is to build an Application data warehouse by taking heterogeneous sources like flat files, Mainframes, oracle and transforming the data according to the specifications and loading in to the financial data warehouse which will be very useful to Business Intelligence people to query the data from data warehouse for reports and analysis of the business in future.  
**Responsibilities**

* Worked closely with Business Analysts and Developers to gather requirements in order to formulate the test plan.
* Performed Black Box Testing of the application to better understand the functionality of the application.
* Involved in creating test strategies, status reports and test timelines that clearly communicate to business owners the history of UAT testing activities and results
* Defined the Scope of testing for User Acceptance Testing. Developed detailed test conditions. Supported documentation across extended testing team as directed by UAT Manger.
* Adhered to all established processes and procedures for UAT. Completed test cases for frontend and backend applications.
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica Mapping
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing)
* Created and executed SQL queries using Relational Database.
* Used HP UFT/Quality Center to execute the test cases, track execution against the plan during testing and manage defects from inception to resolution.
* Assisted the business analysis team in preparing the Functional Specifications document
* Prepared Test Plans and Test Cases based on the business requirements
* Performed Functionality Testing of the application manually
* Performed end to end testing manually.
* Identified, analysed, and documented defects, errors in the application using HP UFT/Quality Center
* Worked on HP UFT/Quality Center for bug status tracking and maintained and created status reports for the application.
* Worked on uploading all the Test cases and Scenarios to the HP UFT/Quality Center for the current and prior releases.
* Used HP UFT/Quality Center for version control, tracking defects, enhancement requests, assign work activities, and assess the real status of project throughout the life cycle.
* Designed and developed UNIX shell scripts as part of the ETL process to automate the process of loading, pulling the data for testing ETL loads.
* Supported the extraction, transformation and load process (ETL) for a Data Warehouse from their legacy systems using Informatica and provide technical support and hands-on mentoring in the use of Informatica for testing.
* Validating the load process of ETL to make sure the target tables are populated according the data mapping provided that satisfies the transformation rules.
* Involved in Back End testing using SQL Queries on Oracle Database
* Created SQL queries within UNIX environment to automate the back end testing.
* Performed Security Testing by writing using Positive and Negative Testing approach to ensure appropriate user authentication.
* Performed Regression Testing after the defects have been fixed to ensure no further effect on other functionalities.

**MVP Health Care, Rochester, NY Nov 2016-Apr 2018**

**ETL Tester**

**Description:** The project is to build the Data Marts based on subject areas which is used for report generation to analyze and to take decisions about the their products, eligibility, providers, billing, accounting and claims .This project involved extracting data from Heterogeneous Data sources like Sybase and Flat Files, transforming the data and then loading the data into the target Data Mart for Warehouse operations.

**Responsibilities**

* Designed & Created Test Cases based on the Business requirements (Also referred Source to Target Detailed mapping document & Transformation rules document).
* Involved in extensive DATA validation using SQL queries and back-end testing
* Developed test cases for ETL process and reporting. Used SQL for querying the database in UNIX environment
* Created source table definitions in the DataStage Repository by studying the data sources.
* Involved with Design and Development team to implement the requirements.
* Developed and Performed execution of Test Scripts manually to verify the expected results
* Involved in Extensive Manual Testing using Quality Center.
* Tested different master detail, summary reports, ad-hoc reports and on demand reports using Cognos Report Studio.
* Tested and developed the mapping for extracting, cleansing, transforming, integrating, and loading data using ETL DataStage. Tested SOA security with limited access to communicate between the services
* Used TOAD, DB Artisan tools to connect to Oracle Database to validate data that was populated by ETL applications
* Served as a Data Warehouse Specialist in testing of an enterprise data warehouse/business intelligence application.
* Involved in testing Unix Korn Shell wrappers to run various ETL Scripts to load the data into Target Database (Oracle). Created test cases and executed test scripts using Quality Center.
* Develop test plans based on test strategy. Created and executed test cases based on test strategy and test plans based on ETL Mapping document.
* Prepared test strategy to validate Teradata reports against Oracle reports.
* Defined the Scope for System and Integration Testing. Documented and published test results, troubleshooting and escalate issues
* Preparation of various test documents for ETL process in Quality Center.
* Involved in Test Scheduling and milestones with the dependencies.
* Used Toad to write SQL and query Oracle database.
* Functionality testing of email notification in ETL job failures, abort or data issue problems.
* Created and executed test cases for ETL jobs to upload master data to repository.
* Responsible to understand and train others on the enhancements or new features developed
* Create and execute test scripts, cases, and scenarios that will determine optimal system performance according to specifications.
* Modified the automated scripts from time to time to accommodate the changes/upgrades in the application interface.
* Designed DataStage ETL jobs for extracting data from heterogeneous source systems, transform and finally load into the Data Marts.
* Wrote test cases based on ETL mapping document for testing the entire ETL workflow.
* Extracted data from different systems into source. Mainly involved in ETL development.
* Participated in the review meetings to resolve the issues.
* Worked with non-transactional data entities of multiple data feeds for reference data and Master Data Management (MDM)

**Specialized HealthCare Inc, Augusta, GA Jan 2015-Oct 2016**

**ETL DW Tester   
Description:** Specialized HealthCare Inc, is one of the largest nonprofit health care organizations in the United States, and is focused full life cycle development of data warehouse projects Utilized Agile/SCRUM development methods for defining use-case points, studies and user stories And designing the model of ODS to automate and maintain the ETL process. Business Intelligence (Reporting) Data warehouse  
**Responsibilities**

* Developed Test Plans, Test Scenarios, and Detailed Test Cases based on the Use Case Documents, Business Requirements, and Functional Specifications.
* Examined application for testing, data validation, and workflow of customers.
* Responsible for providing business requirements within an AGILE software development SCRUM environment.
* Created ETL test data for all ETL mapping rules to test the functionality of the Informatica Mapping.
* Tested the ETL Informatica mappings and other ETL Processes (Data Warehouse Testing).
* Translated Business processes into Informatica Mappings for building Data marts.
* Also created/executed SQL scripts to validate the business requirements for ETL and Reporting requirements.
* Extensive involvement with executing ETL jobs.
* Extensively involved with validation of ETL results and raised defects when discrepancies were identified between the source and target systems.
* Performed initial manual testing of the application as part of sanity testing
* Performed tests for Functionality, Security, GUI, End to End, System, Configuration and Backend.
* Customized the scripts according to the requirements by inserting conditional statements and loops.
* Extensively used Database checkpoints, GUI Checkpoints using Win Runner.
* Analysed the results, tracked the defects and generated reports using Quality Center. Performed Regression test to ensure product integrity after modification and enhancements.
* Worked with technical staff to validate test requirements, resolve design issues and software defects.
* Executed queries in test databases using SQL queries.
* Involved in creating UAT Test Plan and subset of Functional test cases for UAT test.

**Cigna Healthcare Bloomfield, CT Feb 2013 – Dec 2014**

**ETL/SQL QA Tester**

**Project:** HP is the implementation partner for CIGNA to execute the HIPAA 4010A to 5010 Migration projects for all of the CIGNA’s health insurance subsidiary companies. During this transaction there are so many defects. As Testing Analyst I was involved in Defect Management Team to facilitate ETL Development and SAP Business Objects Development for Reporting Tower consuming 5010 Compliant Claim Intake Data.

**Responsibilities:**

* Involved in Relational modeling and Dimensional Modeling Techniques to design ER data models and Star Schema designs
* Documented the validation rules, error handling and test strategy of the mapping.
* Tuned the complex SQL queries for better performance by eliminating various performance bottlenecks.
* Compared the actual result with the expected results. Validated the data by reverse engineering methodology i.e. backward navigation from target to source.
* Created temporary tables for validations after understanding the transformation logic.
* Tested several UNIX shell scripting for File validation and also PL/SQL programming
* Tested complex mappings using mapplets and reusable transformations.
* Established and documented ETL QA standards, procedures and QA methodologies.
* Verify development of rule-set test scenarios, test cases, expected results and analysis of XML test scripts
* Extensively used Informatica power center for extraction, transformation and loading process.
* Extensively tested several ETL Mappings developed using Informatica.
* Involved in testing data reports. Written several SQL queries for validating the front-end data with backend.
* Conducted back to back meetings with developers and discussed about all open issues.
* Conducted test case reviews to ensure scenarios accurately capture business functionality.
* Worked with ETL Source System and Target System (ETL Mapping Document) for writing test cases and test scripts.
* Written several SQL statements to confirm successful data transfers between source and target.
* Worked with data profiling, data scrubbing and data cleansing.
* Tested Standard Reports, Cross-tab Reports, Charts, Master-Child Drill through Reports and Multilingual Reports
* Well exposed to Software Development Life Cycle and Test methodologies.
* Hands on experience with working on Autosys jobs and MQ’s. MQ’s are used for intermediate storage where the messages are stored for temporary purpose.
* Hands on experience working with SQL Server DTS Packages.