# SUMMARY:

* Over 6+ years of experience as quality analyst in data warehousing in healthcare domain.
* Excellent work experience in Smoke, Functional, Integration, GUI, Regression, System, Compatibility, Performance, Acceptance, Security, Stress, Black Box Testing etc
* Developed and executed Test Plan, Test Cases, and Test scripts for various applications.
* Exposure in programming languages and script like Java, JavaScript, HTML, CSS and Shell Script
* Automation experience using Selenium IDE/RC/ Web Driver and TestNG framework
* Proficient in developing, debugging, deploying SSIS Packages using SSIS designer in
* Experience in Extraction, Transformation and Loading of data from different heterogeneous source systems like Flat files (Fixed width & Delimited), XML Files, COBOL files, Excel, Oracle, Sybase, MS SQL Server and Teradata.
* Tested several complex Reports generated by IBM Cognos, Business Objects XI, Micro Strategy including Dashboards, Summary reports, Master detailed, Drill down and Score cards
* Performance tuned targets, sources, mappings and sessions, co-coordinated with DBA’s and UNIX administrator for ETL tuning.
* Migrated code from Sagent to informatica 9.x and tested all objects developed and checked their end to end consistency in new environment.
* Used stored procedures, functions, triggers, joins, views and packages in PL/SQL & Oracle 10g/9i/8i: Written SQL queries, stored procedures, and cursors Migrated PLSQL code to Informatica mappings.
* Developed interface for data transfer/data loading using PL/SQL programs, SQL\*Loader & Informatica.
* Interfaced TOAD to analyze, view and alter tables in various databases.
* Prepared star & snowflake data models and involved in designing EDW (enterprise data warehouses).
* Configured Informatica Data Quality (IDQ), defined rules, built scorecards, applied metrics and grouped into various dimensions in IDQ.
* Implemented data cleansing, tuning, profiling and reports, dashboards to display DQ results using IDQ.
* Developed data cleanup procedures, transformations, scripts, stored procedures and executed test plans for loading data successfully into targets.
* Knowledge of Jasper soft reporting tool and integration to IDQ tool.
* Involved in unit, integration & system testing and code migration between various environments.
* Exceptional problem solving and decision making capabilities, recognized by associates for quality of data, alternative solutions, and confident, accurate, decision making.

**TECHNICAL SKILLS:**

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| **Hardware/OS** | Windows XP/2000/2003 ,Sun Solaris, AIX, UNIX  LINUX,Tomcat Apache, IIS Server |
| **ETL Tools:** | Informatica Power Center (9X,8X,7X,6X)  Informatica Data Quality, SSIS, DTS |
| **Tools** | Toad 7.4, Erwin Data Modeller, Oracle Designer Professional  SQL \*Plus, PL/SQL Developer, SQL Developer, Test Directory  Autosys, Control-M, Version One, HP Quality Center |
| **Languages** | SQL, PL/SQL, Shell Scripting |
| **Data Bases:** | Oracle 9i/10g/11g ,DB2, Sybase, SQL Server 2005& 2008 |
| **QA Tools:** | SELENIUM IDE/RC/ Web Driver/ GRID, QTP, JUNIT 3/4, TEST NG, Firebug, FirePath, xpath, Maven, JSON, Jenkin, SVN, JXL |
| **Reporting Tools:** | Crystal Reports, Cognos Report , SSRS, Business Objects |
| **Methods** | dimensional modeling , business intelligence reporting , agile methodology |

### EXPERIENCE

**Cigna, Atlanta, GA Jan 2018-Till Date**

**Sr. ETL Tester**

**Description:** CIGNA Inc. is a global health care management company, Cigna embrace it as an opportunity to reflect and extend their mission to improve health, well-being and security for all those they serve. Worked on Medical billing application that involves the details about the patient demographics and health history.

**Responsibilities**

* Closely went through and worked on all the stages of SDLC for this project and designed and executed Functional, Integration, Regression and System (End to End), Browser Compatibility, Backend (Database) Testing.
* Created and maintained requirements traceability matrix (RTM) to ensure that all requirements are traceable from top to bottom on the basis of test plan.
* Prepared Test Scenarios by creating Mock data based on the different test scenarios.
* Validated data from front-end systems to the backend databases.
* Extensively followed agile methodology to achieve the desired results.
* Automated test suite for validating the REST service for various services request and responses (JSON) involved in the application and comparing the results in Portal and mongo DB
* Participated in daily SCRUM meeting and SPRINT planning, review and retrospective meetings.
* Assigned critical performance Defects to the development team using HP ALM Quality Center.
* Weekly meeting with the management team and share the Status Report on the weekly basis.
* Responsible for the testing of an enterprise data warehouse and business intelligence application.
* Backend testing of the Database by writing SQL and PL/SQL scripts to test the integrity of the application, Oracle databases and SQL Server databases.
* Involved in testing of the extracting 5010 HIPAA Outbound Transactions (835, 277) from Mainframe database.
* Wrote SQL queries for each Test case and executed in SQL Developer/ SQL Server Management Studio to validate the data between Enterprise Data Warehouse and Staging Tables.
* Written Complex SQL Queries using different joins, set operators, aggregate and analytical functions.
* Extensively written SQL to confirm the data transfer from source to target.
* Tested the PL/SQL package that loaded data into staging area from the source database
* Experienced in writing SQL Statements in database to make sure whether the data is populated in Data Mart/Data warehouse According to Business Rules.
* Responsible for the verification of data completeness, data transformation, data quality and data integrity as per the logical design document
* Performed extensive Data Validation, Data Verification against Data Warehouse
* Developed ETL test cases for various lines of businesses based on ETL mapping document.
* Validated ETL test data for all transformation rules and covered all the scenarios required for implementing business logic.
* Implemented custom PL/SQL packages for DBA related jobs such as purging custom tables, loading data into custom tables etc.
* Tested the ETL process for both before and after data cleansing process.
* Extensively used ETL methodology for testing and supporting data extraction, transformations and loading processing in a corporate-wide-ETL Solution using Informatica.
* Experienced in using Unix Shell Scripting.
* Involved in testing HIPAA EDI Transactions and mainly focused Enrollment, Eligibility Transactions
* Hands on experience in handling EDI 837, 834, 835 files from the Clients and clean up the data based on the requirements
* Validated EDI Claim Process according to HIPAA compliance
* Verified and validated HIPAA compliant X12 format for both inbound and out bound healthcare EDI transactions as per ICD10
* Tested the Membership and claims files as per the HIPAA compliance.
* Work closely with EDI to ensure accuracy in data transmissions and shared processes.
* Proficient in validating the transformation and edits on claims as required.
* Created Various Hierarchies which allows drilling on Cognos.
* Tested Public objects like Consolidations, Custom Groups, Metrics, Prompts, and Filters according to the report requirements using Cognos.

**MVP Health Care, Rochester, NY Oct 2015-Dec 2017**

**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**

* Involved in requirement analysis, ETL design and development for extracting data from source systems: Oracle, flat files, XML files and data mart loading.
* Worked with analysts and data source systems experts to map requirements to ETL code.
* Developed mapping logic using transformations: Expression, Lookups (Connected, Unconnected), Joiner, Filter, Sorter, Router, Update strategy & Sequence generator.
* Used different transformations: Address validation router, Filter, Lookup, Joiner, Aggregator, Normalizer, Rank, Update strategy in IDQ; exported to Power Center as a Mapplets and used in the mapping.
* Worked extensively with the Teradata Queryman to interface with the Teradata.
* Used IDQ for data cleansing, tuning & profiling; implemented reports, dashboards to display DQ results.
* Used Oracle Developers to validate the Cognos Power Play cubes by running similar SQL queries against the source system(s)
* Informatica Data Quality helps make data quality improvement and standardizing on a single platform that provides a centralized set of reusable rules and tools for managing data quality across any project
* Migrated code from Sagent to Informatica power centre and tested of all objects developed and check their consistency end to end on the new environment.
* Translated functional specifications into technical specifications (design of mapping documents).
* Implemented Type-1 SCD and Type-2 SCD mappings to update slowly changing dimension tables.
* Created mapping using multiple source systems: Oracle, flat files, and XML files into data mart in Oracle database.
* Used load scripts to load tables in SQL
* Used Teradata Utilities (FastLoad, MultiLoad, FastExport). Queried the Target database using Teradata SQL and BTEQ for validation.
* Responsible for design and implementation for loading ODS and updating warehouse.
* Created utility scripts to manage and scrub incoming source files, to move files between directories, report and trend file metadata and frequency.
* Wrote execution report scripts to broadcast e-mails to respective people on failure/success, error handling, and control /audit critical processes.
* Error handled session & workflow logs in dev & test environments.
* Performance tuned existing & new mappings.
* Written SQL scripts to avoid Informatica joiners and look-ups to improve performance of data volume.
* Used Control-M to schedule jobs for maintaining database objects & Unix scripts
* Created deployment groups to deploy objects to migrate code to higher environments.

**Specialized HealthCare Inc, Augusta, GA June 2013-Sept 2015**

**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**

* Designs and develops the logical and physical data models to support the Data Marts and the Data Warehouse
* Involved in the requirement definition and analysis in support of Data Warehouse and ODS efforts.
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence Architecture team to understand repository objects that support the business requirement and process.
* Worked as ETL Tester responsible for the requirements / ETL Analysis, ETL Testing and designing of the flow and the logic for the Data warehouse project. Involved in extensive DATA validation using SQL queries and back-end testing
* Managed the Metadata associated with ETL processes used to populate the data warehouse.
* Worked with analysts and data source systems experts to map requirements to ETL code.
* Involved in validating SSIS and SSRS packages according to functional requirements.
* Identified/documented data sources and transformation rules required to populate and maintain data warehouse content.
* Worked closely with the Enterprise Data Warehouse team and Business Intelligence
* Responsible to tune ETL procedures and schemas to optimize load and query Performance.
* Designed Data Stage ETL jobs for extracting data from heterogeneous source systems, transform and finally load into the Data Marts.
* Prepared Logical Data Models that contains set of Entity Relationship Diagrams and Data Flow Diagrams and supporting documents and descriptions of the Relationships between the data elements to analyze and document the Business Data Requirements.
* Understanding the Business requirements based on Functional specification to design the ETL methodology in technical specifications.
* Created Profiles and Roles based on Organizational role hierarchy, implemented Record-Level and Field-level security and configured their sharing settings.
* Validated several SSIS and SSRS packages to verify that they are working according to BRS.
* Wrote SQL queries to validate source data versus data in the data warehouse including identification of duplicate records.
* Tested the application by writing SQL Queries and creating pivot views as to perform back-end testing.
* Creating Low level documents for creating maps to load the data from the ODS through the warehouse.
* Used UML to produce Use Case models, Activity and Sequence diagrams, as part of the detailed design of interfaces.