**Mamun Chowdhury**

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# SUMMARY:

* Over 5+ years of experience as quality analyst 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-Feb 2019**

**QualityAnalyst**   
**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**

* Reviewing and analyzing business requirements and technical specifications to come up with Testing Scope
* Responsible for Manual, Automation using Selenium Web Driver, Scrum and System Testing of the application at various stages
* Automated Web Application Testing using Java Selenium framework in an Agile environment
* Created Selenium Test cases for automation using Selenium Web Driver and Java
* Used Hybrid Framework of Selenium to get data from Excel.
* Created and executed automated tests for functional, and regression testing using Quick Test Professional
* Created QTP scripts with reusable and external Actions and, called functions in Actions.
* Inserted various types of check points including text checkpoints, text area checkpoints and Image checkpoints.
* Escalation for unresolved bugs to the concerned developers and module leaders.
* Used Unix Commands to access and trouble shoot Errors by accessing the Error Log files.
* Participated in Design Phase, together with members of the Product team, developers, and DBAs.
* Performed Smoke, System testing, system Integration Testing, User acceptance, Database & Regression testing.
* Prepared Test cases, procedures, Bug Tracking, Logging and reporting bugs using Quality center
* Expert with Test documentation, such as Test Cases, Bug Reports, Use Cases etc.
* Designed various test Cases with different test conditions.
* Prepared and executed scenarios for the Regression testing on new builds.
* Performed Regression testing by executing the scripts developed with QTP.
* Conducted User Acceptance Test (UAT) with users and customers and wrote issues log based on outcome of UAT.
* Adopted Data Driven Methodology to the test application with different sets of data.
* Develop test cases on various types of credit card applications.
* Perform functional testing and regression testing on each field of credit card application pages.
* Involved in Database testing to verify data integrity tests.
* Extensively interacted with developers to analyze & resolve issues that were encountered while testing application.

**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.
* Created packages in SSIS Designer using Control Flow and Data Flow Transformations to implement business rules.
* 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.
* To develop Exception handling process for each SSIS packages.
* 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.
* Developed SSIS Packages and SQL scripts to extract the data from OLTP system to flat files and for pre-calculated aggregates, summaries, and user specific calculations.
* 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 Dec 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.