***Md. Chowdhury Microsoft Certified MCSA-SQL\_2016\_Database\_Development***

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***MSBI Developer***

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| ***EXPERIENCE SUMMARY*** |

* SQL Server Developer with over **7** years of experience in the Analysis, Design, Development, Implementing and Testing, Administrating Client/Server applications using Microsoft Technologies.
* Expert in working with SSIS for creating packages to transform data from different **OLEDB** Provider like DB2, MS Access, Flat File, Excel and **automate the ETL**.
* Experience in working with SSRS, designing different types of reports like **Parameterized Reports, Cascading Parameterized Reports, Drill down Reports, Drill through Reports, Tabular Reports, Matrix** **Reports, Sub Reports**, and **Ad-hoc Reports.**
* Expertise in Creating and managing **Event Handlers, Package Configurations, Logging, Checkpoints** and User Defined Variables for **SSIS Packages.**
* Extensive experience in deploying complex packages from development to production environment using proper package configuration.
* Experience in working with **Normalization/De-normalization**, data design methodology and building Referential Integrity for the relational Database Model implementing as per business requirement.
* Experience in **Dimensional Modeling,** applying Kimball’s methodology**,** designing **Star Schema / Snowflake Schema, FACT and Dimensional tables**.
* Working knowledge in **Creating Stored Procedures, Triggers, User-Defined Functions, Views, Indexes, User Profiles** using **Transact SQL.**

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| ***EDUCATION*** |

* Master’s in Computer Science.

**Professional Experiences:**

***Freddie Mac, Virginia*  *Nov’20 –Till now***

***SQL with SSIS/SSRS Developer***

***Project: FF&E and the second mortgage facilities***

The OWS a web-centric solution for Ford Vehicles warranty claims Processing. This product processes the claims which originate from Ford Dealerships. Claims can be entered by dealers through on-line, DMS Dealer Management System. This product tacks claims information from validation to entry and claim settlement.

* Created and implemented complex Stored Procedures and Triggers, Functions, Indexes, Constraints, Tables, Views and Joins using T-SQL to provide definition, structure, maintain data efficiently for applications and to automate tasks.
* Reviewed data and classified the tables/measures functions by using multiple queries, views and procedures.
* Built and maintained SQL scripts, indexes, and complex queries for data analysis and extraction for varies projects. Prepared a claim data for risk adjustment by extracting, cleaning, and merging from different tables using SQL.
* Loading data from various sources like, flat files, MS Access and Excel, to SQL Server database Using SSIS Package.
* Build high performance data integration solutions, including extraction, transformation, and load (ETL) packages.
* Using SSRS to deliver enterprise, Web-enabled reporting reports that draw content from a variety of data sources.
* Deployed SSRS Reports in SharePoint for web based access for multiple end users.
* Highly involved in creating, structuring, formatting using Report Designer and Report Builder.
* Building, publishing customized interactive reports and dashboards, report scheduling using Tableau server. Created action filters, parameters and calculated sets for preparing dashboards and worksheets in Tableau.

 Restricted data for particular users using Row level security and User filters.

* Developed Tableau visualizations and dashboards using Tableau Desktop.
* Developed Tableau workbooks from multiple data sources using Data Blending.
* Hands on experience in Unit Test cases, Functional Testing, Manual Testing, Performance and Integration Testing.
* Experience in Database Backup, Recovery and Disaster Recovery procedures.
* Experience in ETL processes involving migrations and in sync processes between two databases.

**Environment:** Windows XP, MS SQL Server 2017, Query Analyzer, Enterprise Manager, SQL Server Integration Services (SSIS), Microsoft Excel, SQL Server Agent. Tableau, MS Access, Teradata.

***Lowe’s, Mooresville, NC Feb’19- Nov’20***

***SQL Server BI Developer (SSRS/SSIS)***

***Project: Complex Deposit Risk Systems (Deposits, Check Cashing, Purchases)***

Worked on the Online shopping system and several applications like Customer Catalogs, Customer Masters, and Generics etc. to retrieve the information from respective systems.

* Designing and Developed queries using Microsoft visual studio 2008 R2.
* Created Database Diagram using third party tool Erwin in beginning of the project, identify database entities and attributes, relation among the entities tables and enforced the referential integrity constraints.
* Created database and database objects like tables, stored procedures, views, triggers, rules, defaults user defined data types and functions with T-SQL to facilitate data consistency.
* Created Logical & Physical Data Modes using Entity Relationship Diagrams.
* Created multiple hierarchical aggregates for faster performance.
* Created perspective of the cube to simplify the process of browsing for the end users.
* Supported all production operation activities with focus on integration and development of new and existing products and services. , control, and automation opportunity to improve overall access to information.
* Created report snapshots to improve the performance of SSRS.
* Created ETL metadata reports using SSRS, reports include like execution times for the SSIS packages, failure reports with error description.
* Involved in writing MDX Scripts for the OLAP CUBES and Developed multidimensional Objects using MS Analysis.
* Reviewed the Conceptual EDW (Enterprise Data Warehouse) Data Model with Business Users, App Dev. and Information Architects to make sure all the requirements are fully covered.
* Excellent technical and analytical skills with clear understanding of design goals of ER modeling for OLTP and dimension modeling for OLAP.
* Used various formatting techniques like interactive sorting, grouping to created user friendly reports.
* Administrated the created reports by assigning permission to the valid user for executing the reports.

**Environment:** UNIX, SSMS 2012, SSIS 2012, Power Builder 12, SSRS 2012, Oracle 9i, SQL & PL/SSAS.

***Provident Bank shares Corp, Baltimore, MD Sep’17-Jan’19***

***SQL Developer with SSIS/SSRS***

***Project: Cyber Risk Assessment Acceleration***

Provident Bank shares Corp provides a full range of commercial & individual banking products and services. I was responsible to develop, implement and maintain all databases including stored procedures, triggers and complex queries, which included the administration of various bank databases in both development and production environment

* Responsible for updating and staging the dimensional databases as well as rebuild the Dimensions using SSIS.
* Used C# scripts in SSIS script task to run custom scripts in package flow.
* Implemented package configuration in SSIS packages that transferring packages from one environment to other.
* Designed database schema contains over 30 tables such as users, groups, threads and posts.
* Configure TFS environment such that SQL Reporting and SharePoint interact with each other.
* Performed Unit Testing of ETL Programs to support QA on End-to-End testing.
* Identified and involved in creation of dimension, fact tables and designed the data warehouse STAR and SNOWFLAKE schema.
* Ability to work independently as well as work with teams having varying backgrounds on complex issues.
* Designed and Implemented Tables, CTE, Views ,Functions, Stored Procedures and Triggers in SQL Server 2016
* Regression testing was performed after each new build of the application.
* Involved in the process of Defect logging and Defect follow up in Team Track.

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**Environment:** SQL Server 2014,Autosys,TFS tracker &, SharePoint, SSIS 2014, Visual Studio 2014,SSRS 2014, T-SQL, Visio 2015,Enterprise Manager, Windows Server.

***SCANA Corporation, Columbia, SC May’15-Aug’17***

***BI Developer***

***Project: Project One (Trading/Stocks)***

* Worked on the Online shopping system and several applications like Customer Catalogs, Customer Masters, and Generics etc. to retrieve the information from respective systems. Developed various application and report using T-SQL and SSRS.
* Involve in analyzing existing complex systems to understand and document data elements, relationships, data flow, dependencies and related interfaces.
* Develop and maintain SQL Server Integration Service packages (SSIS).
* Develop procedures and scripts for data migration.
* Create views, tables, and indexes, Performance Tuning and Query optimization.
* Used SSIS to create ETL packages to Validate, Extract, Transform and Load data to Data Warehouse.
* Modified the existing SSIS packages to meet the changes specified by the users creating dashboards volume reports, operating summaries and presentations and graphs SSRS Integration to Power BI

**Environment:** SQL Server 2012, MS Excel 2013, MS Access 2013, MS SQL Query Analyzer, SQL Profiler, SSRS, Power BI

***Metro Health, Cleveland, OH Feb’14- Apr'15***

***SQL Server BI Developer***

***Project: Summary of Benefits and Coverage: SBC***

* Developed T-SQL queries and Manage Large Scale Stored Procedures with multiple parameters to created data set for the reports and tuning to reduce execution time and Work in Stored Procedures to prevent SQL Injection.
* Created several SSIS Packages to load data from various data sources including and created complex SSIS packages using various transformations and used various Control Flow and Data Flow items from Toolbox.
* Perform Error handing and version log using Event Handler.
* Work with EVENT MANAGER to manage the whole scheduling reports and manage recipient scheduling.
* Used Lookups Transformation to get the data from reference data sets.
* Provided technical assistance for delivery of bug fixes and improvements to Progress and Open Edge applications.
* Created Stored Procedures to retrieve data from CDC enabled tables to load all deltas into destinations.
* Active Directory Basic operation and integration with related application for directory entity.
* Manage Group, Role, Organizational Unit for users in Active directory.

**Environment:** SQL Server 2012, SQL Server 2012, SSDT 2014 (SSIS.SSRS), Control-M Manager, SharePoint.

***\* References and additional information will gladly be provided upon request***