Tadious Beyene

[beyenetadious@gmail.com](mailto:beyenetadious@gmail.com)

(469)-407-9975

Professional Summary

* More than 7 years of experience in diverse business and technical environments with a main area of focus on design, development, implementation, and support of relational databases, data analysis, business intelligence, ETL, and data visualization using RDBMS databases and various reporting and visualization tools.
* Strongly experienced on SQL Server as a Developer, experience includes Database Design and Development, Confidential BI Solutions, ETL Development, Data warehouse Implementation, and Report Development using SSAS, SSIS, SSRS, and TSQL.
* Proficient in all Software Development Life Cycle (SDLC) phases of specifically Waterfall and Agile Scrum methodology.
* Experience in creating Tables, Stored Procedures, Views, Indexes, User Profiles, User Defined Functions, Relational Database Models, and Data Integrity in observing Business Rules.
* Strong experience in T-SQL programming proven, scalable code using stored procedures, various types of joins, sub-queries, analytical functions, aggregate function, group by, over partition by, cursors, merge, try/catch, dynamically generated scripts, common table expressions, scalar/table-valued functions, create/alter tables/columns, views, primary/foreign key constraints, and indexes.
* Implemented dynamic SQL constructs to avoid code redundancy and filter data as per given input parameters to the reporting model stored procedures.
* Hands-on experience in administrative tasks like installing, configuring, upgrading, log shipping, troubleshooting, scheduling, partitioning, backup & recovery, and transaction logs.
* Hands-on experience in installation, configuration, performance tuning, optimization, backup, and recovery in SQL servers.
* Experienced in troubleshooting SQL issues by using SQL Tools Execution plan, Trace, and 3rd party tools.
* Have experience in Performance Tuning, T-SQL Query Optimization, and Solving Blocking issues.
* Highly experienced in Dimensional modeling (using Star and Snowflake schemas), Designing different types of Fact tables, and building relationships between Fact and Dimension tables.
* Identified business keys and utilized them to link Source table data to respective Dimension and Fact tables, also defined Surrogate keys to relate Dimension members to Fact records.
* Implemented Slowly changing dimensions up to Type 3 and developed Late Arriving dimension and fact scenarios during data load from Staging to Data Warehouse.
* Experienced in Extracting, Transforming, and Loading ETL data from Excel, Flat file, and Oracle to MS SQL Server by using BCP utility, DTS, and SSIS services.
* Well experienced in designing ETL data flows by creating mappings/workflows to extract data from SQL Server and Data Migration and Transformation from Oracle/Access/Excel Sheets using SSIS.
* Implemented Full load and Incremental load using merge statements and SSIS Look Up and Slowly changing dimension transforms.
* Extensively worked on Creating, Populating, and maintaining Data marts. Thorough knowledge of Features, Structure, Attributes, Hierarchies, Star and Snowflake Schemes of Data Marts.
* Skillful in Creating, Managing, and Delivering Reports using SSRS and integrating with SharePoint.
* Experienced in generating on-demand (ad-hoc) reports for business analysis or management decisions using SQL Server Reporting Services and Report Builder.
* Utilized Power BI (Power View) to create various analytical dashboards that depict critical KPIs such as legal case matters, billing hours, and case proceedings along with slicers and dicers enabling end-users to make filters.
* Implemented several DAX functions for various fact calculations for efficient data visualization in PowerBI.
* A multitasking analytical thinker with the capacity to function both alone and as a team member in a fast-paced setting.

**Technical Skillset**

* RDBMS: MS SQL Server 2016/2012/2008R2/2008/2005, MySQL, Oracle
* Reporting Tools: SQL Server Reporting Services (SSRS), Excel 2016/2013/2007, Tableau 10/9/8, Power BI
* Language: T-SQL, PL/SQL, C++, C#
* ETL: Server Integration Service (SSIS), Data Transformation Services (DTS), SQL Server Data Tools (SSDT), Data Quality Services, Talend
* Data Warehouse/OLAP: SQL Server Analysis Services (SSAS)
* Development Platforms: Visual Studio 2015/2010/2008, SharePoint 2013/2010
* Project Management: JIRA, Slack, TFS, Microsoft Project, Microsoft Visio

**Sandy Spring Bank**

**03/2022- present**

**SQL/SSIS Developer**

**Responsibilities**:

* Gathered and documented project requirements from stakeholders and translated them into functional and non-functional specifications for BI reports and applications and transformed them into deliverable solutions.
* Participated in data mapping process, figuring out and documenting meanings of columns and tables as well as relationships among them.
* Tuned the performance of query statements by analyzing execution plans and logs/statistics in SQL Server Profiler/Database Engine Tuning Advisor
* Designed and developed ETL packages to realize full loading and incremental loading to convert and migrate data, transform data using lookup, merge joins, derived columns, and built the target data warehouse and data marts based on Star Schema
* Involved in designing ETL packages using breakpoints and analyzing progress to catch error information by SQL command in SSIS that sends an e-mail message when an error or a warning occurs or when a task fails.
* Developed reporting solutions for different stakeholders from mock-up demos till deployment to analyze different dimensions such as claims, transactions, appointments, supply, assets, and properties both in SSRS and Tableau
* Developed reporting solutions including tabular reports, and matrix reports, using cascading parameters to achieve Drill-down Reports, Drill-through Reports, as well as Linked Reports for security concerns in SSRS 2008/2012 for the front-end application usage.
* Worked with the QA team, clarified and solved the issues, and delivered to the project manager for approval and feedback.
* Optimized SSRS report performance by snapshots and indexes while writing query statements.
* Optimized report performance by refining queries in T-SQL, removing redundancies, retrieving only essential data, and using SQL methods efficiently.

**Environment**: SQL Server 2008/2012/2016, SQL Server Management Studio (SSMS), Oracle, MS BI Suite (SSIS/SSRS), SQL Server Data Tools (SSDT), Visual Studio 2010, MS Office Suite 2010 (Excel, PowerPoint, Word), Tableau 8/10, Agile/Scrum, JIRA, Microsoft Visio

**Petco**

**12/2018 – 02/2022**

**ETL/SQL/BI Developer**

**Responsibilities:**

* Designed SSISPackagesto transfer data from flat files to SQL Server using Business Intelligence Development Studio.
* Used ETL (SSIS) to develop jobs for extracting, cleaning, transforming, and loading data into data warehouses.
* Worked in T-SQL to create Tables, Function and stored procedures, view, sub-query, correlated-sub query and ad-hock TSQL Statements.
* Designed and developed Data models using Erwin and responsible for Forward and Reverse Engineering of data models.
* Modified the existing SSIS packages to meet the changes as specified by the users.
* Defined report layouts including report parameters and wrote queries for drill down report using SSRS.
* Developed conceptual, logical, and physical data models for creating schema using MS Visio. Created star/snowflake schema for Data Marts.
* Designed and created and managed primary objects such as tables, triggers, indexes based on logic design model. Developed all the required stored procedures and user defined functions.
* Formulated and documented the ETL (SSIS) process design based on business requirements and system specifications with strong ETL(SSIS) design skills, including source to target mappings, transformations, lookups, aggregations, and expressions.
* Developed SSIS packages to Extract, Transform and Load (ETL) data into the data warehouse.
* Created SSIS Packages using SSIS Designer for export heterogeneous data from OLEDB Source, Excel Spreadsheet to SQL Server.
* Created databases and schema objects including tables, indexes and applied constraints, connected various applications to the database and written functions, stored procedures and triggers**.**
* Extensively used SSIS transformations such as Derived column, Data conversion, Aggregate, Conditional split, SQL task, Script task and Send Mail task etc.
* Analyze different business requirements and provide time estimate for Analysis, Design, Coding, and Implementation Developed all the required stored procedures, user defined functions, triggers using T-SQL.

**Environment:** SQL Server, SSMS, SSIS, SSRS, SSDT, SSAS, Visual Studio, TFS, Oracle, T-SQL, PL/SQL, SQL Server Agent, JIRA, MS Access, Windows Server.

**Advance Auto Parts**

**06/2016 – 11/2018**

**Database Developer**

**Responsibilities:**

* Involved in requirements gathering, logical and physical data modeling, developing fact and dimension tables, configuring ETL workflows to populate fact and dimension tables, and developed Cubes and reports for analysis.
* Developed complex SQL queries and performed optimization of databases and tuning of long running SQL Queries by using SQL Server Profiler and SQL Tuning Advisor.
* Troubleshooting and correcting production ETL issues.
* Migrating SSIS packages from old to a new environment
* Optimizing stored procedures, T-SQL, views, and functions for the best performance.
* Refining and automates regular SQL processes, track issues, and document changes.
* Developed and automated SSIS packages to perform Extraction, Transformation and Loading (ETL) of data from various sources like Flat file, MS Excel, CSV, MS Access to SQL Server.
* Developed complex database objects like complex stored procedures and complex UDFs
* Created database objects like tables, views, indexes and triggers in MS SQL Server that support relational and dimensional database models.

**Environment**: SQL Server, SQL Server Management Studio (SSMS), MS BI Suite (SSIS/SSRS), SQL Server Data Tools (SSDT), Excel VBA/ Macros, Tableau, JIRA, WebEx, Agile/Scrum