**ELSA KIDANU 202-540-0695 Elsa.ayele41 @gmail.com**

**Professional Summary:**

* Over 6 years of IT professional in Software Design, database design, development, administration and maintenance of SQL Server 2019/20218/2016/2014 large scale databases.
* Expert level skills in Objects creation such as Tables and Views, Table Normalization, User created Data Types, user functions, views, user profiles, data dictionaries, data integrity, Performance tuning, Indexes and appropriate Triggers to facilitate efficient data manipulation and data consistency.
* Expert in writing T-SQL queries, creating clustered and non-clustered Index, working on DTS, Data Cleansing and Data Migration.
* Extensive experience in Microsoft stacks of BI solutions - SSRS, Power BI, SSIS with MS SQL 2019/2016/2014.
* Proficiency in creating diverse types of Reports such as Cross-Tab, Drill-down, Summary, Parameterized, Sub reports and formatting them using SSRS.
* Imported data SQL server DB, Azure SQL DB to power BI to generate reports.
* Strong Knowledge in Enhancing and Deploying the SSIS Packages from Development Server to Production Server.
* Excellent experience in Designing, Maintaining and tuning various RDBMS like T-SQL & MS SQL Server.
* Experience in Extraction & Migration of Data from heterogeneous data sources like Excel, MS Access, Oracle, DB2 to MS SQL Server by using Import Export Wizard, DTS SSIS, BCP & Bulk Insert utilities,
* Experience in transforming unstructured data from various data sources using SSIS Transformations like Conditional Split, Data conversion, Lookup, Merge Join and Sort and Derived Column for cleaning bad data, validating data.
* Used change data capture (CDC) control task that makes efficient data loading (incremental load after initial loading of data).
* Created SSIS packages using package logging, Breakpoints, Checkpoints and Event handling to fix the errors.
* Generated computed tables in Power BI by using DAX.
* Utilized Power BI's data visualization features such as tables, charts, and pivot tables, linked to multiple data sources Worked on all kinds of reports such as yearly, quarterly, monthly, and daily.
* Explore data in a variety of ways and across multiple visualizations using Power BI.
* Used power BI gateways to keep the dashboards and reports up to date.
* Highly experienced in database server performance tuning and optimization of Complex SQL queries.
* Complete knowledge in optimization tools such as Index tuning wizard, SQL Profiler and Windows Performance Monitor for monitoring and tuning MS SQL Server Performance.
* Extensive experience in Capacity Planning, Disaster Recovery, Troubleshooting, Backup and Restore procedures.
* Basic understanding of JavaScript, JS files, SharePoint, and Python.
* Worked closely with development and Technical Support team to resolve Visual Basic .Net issues.
* An excellent team player& technically strong person who has capability to work with business users, project managers, team leads and architects, thus maintaining healthy environment in the project.

**TECHNICAL SKILLS:**

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| Tools/Utility | SQL Server Management Studio(SSMS), Database Tuning Advisor, Data Transformation Services(DTS), Analysis Manager, BCP, SQL Profiler, Visual Studio 2014/2017/2019, Azure DevOps |
| Programming Languages | C#, Visual Basic 6.0. VB.Net, ADO.NET, ASP.NET, T-SQL, PL/SQL, HTML, XML |
| SQL Server Tools | DTS, SSIS, SSRS, SSAS, Erwin, Power BI |
| RDBMS | MS Access, MS SQL Server 2019/2016/2014, Oracle8i/9i/10g, DB2 |
| Methodologies | Logical and Physical Database Design, Star Schema, Snow-Flake Model, Database Design and Normalization |
| Software | MS Office Visio, MS-Project 2000,Dashboard  using Crystal Reports |
|  | Software Development Life Cycle (SDLC), Agile |

**PROFESSIONAL EXPERIENCE**

**Database/ETL Developer**

**KPH Healthcare Services**

**East Syracuse, NY  April 2024 to present**

**Responsibilities:**

* Extracted data from source systems, staged it for transformation, loaded cleansed data into destination tables, and applied business rules to normalize data, handle duplicates, and validate required fields for completeness and accuracy.
* Developed a robust error-handling framework with automated alerts for failures and detailed logging for monitoring.
* Developed a SQL view to consolidate and retrieve the most recent records from multiple relational tables, supporting accurate and real-time reporting on healthcare eligibility.
* Identified missing or mismatched data between source files and CRM data and triggered notifications for resolution.
* Tuned SQL queries and implemented bulk operations for efficient data processing.
* Built Dynamic Stored Procedures for SSRS to generate user-friendly reports with automated subscriptions for specific dates and targeted users, enhancing report accessibility and workflow automation.
* Developed and implemented a reporting solution, leveraging SQL and reporting tools to extract, analyze, and present data. Conducted thorough testing with sample datasets and collaborated with stakeholders to ensure accuracy and usability.
* Developed Stored Procedures for Email Alerts, integrating SQL triggers with automated emails to notify stakeholders based on specific conditions.
* Debugged Stored Procedures across various tools, including MicroStrategy, optimizing performance and ensuring data accuracy for reporting and analytics.
* Managed SSA Jobs and Troubleshot Issues, ensuring the smooth execution of automated tasks and minimizing system downtime through proactive monitoring and debugging.
* Collaborated with Cross-Functional Teams, facilitating seamless communication and project execution through regular team meetings and code reviews.
* Utilized CRM Ticketing Systems to track, prioritize, and resolve issues effectively, ensuring timely response and resolution to client and internal requests.
* Developed and Maintained SSIS Packages to streamline data integration across multiple systems, ensuring accurate data transfer and minimizing processing delays.
* Worked with T-SQL to create database structures, including tables, views, triggers, and stored procedures, optimizing database performance and enhancing functionality.
* Designed and Implemented ETL Processes for extracting, transforming, and loading data from different sources into the data warehouse, ensuring clean and efficient data handling.
* Collaborated with Business Analysts and Stakeholders to gather and understand business requirements, translating them into effective data integration solutions that meet organizational goals.
* Used Azure DevOps to manage development tasks and ensure compliance with coding standards, maintaining a structured and efficient development environment.
* Generated and Updated Documentation for SSIS packages, processes, and procedures, ensuring that critical information was well-documented and accessible for future use.
* Supported File-Transfer Processes by managing file-transfer jobs and implementing remediation procedures, ensuring successful and timely file deliveries.

**MS SQL Server/SSIS/SSRS Developer**

**Pekin Insurance, Pekin, IL May 2021 to April 2024**

**Responsibilities:**

* Wrote Complex Stored Procedures, Triggers, Views and Queries. Created indexes, Constraints and rules on database objects.
* Designed ETL packages dealing with different data sources (SQL Server, CSV, Flat Files etc.) and loaded the data into target data destination by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Optimized schema, performance, and capacity planning of various data transformation processes related to the reports.
* Developed and maintained database systems, ensuring optimal performance, security, and scalability.
* Debugged and resolved database issues to ensure optimal performance.
* Developed stored procedures to transform the data from enterprise data warehouse to SQL server and load data to fact tables.
* Configured and maintained Report Manager and Report Server for SSRS.
* Identified and added the report parameters and created the reports based on the requirements using SSRS 2015.
* Scheduled and monitored all maintenance activities of SQL Server 2016 including database consistency checks and index defragmentation.
* Designed and Implemented the Stored Procedures and Triggers for automating tasks.
* Maintained all records of project status and followed changes as per control procedures.
* Worked with cross-functional teams to identify business requirements and translate them into data models and reporting solutions.
* Collaborated with software developers to integrate database systems with software applications.
* Generated test data and tested database to meet the functionalities/deliverables in the project documentation and specifications.

**Environment:** SQL Server 2019/2016, SSIS, SSRS, Microsoft Office (Word, Excel, Visio), Windows 2010/2017 Server.

**SQL Server/SSIS/SSRS/Power BI Developer June 2018 – April 2021**

**Republic Bank, Louisville, Kentucky**

**Responsibilities:**

* Worked on extracting, transforming and loading data using SSIS Import/Export Wizard.
* Created Tables, Stored procedures and defined functions. Created SQL scripts for tuning and scheduling.
* Developed logical and physical database (using ER-win, Normalization, Dimension Modeling and Enterprise Manager).
* Developed physical data models, data warehouse models and created DDL scripts to create database schema and database objects.
* Migrated all DTS packages to SQL Server Integration Services (SSIS) and modified the package according to the advanced feature of SQL Server Integration Services.
* Provided Full Reporting Life Cycle support using SQL Server Reporting 2014
* Design and developed a new ETL/SSIS package that loads from OLTP into our existing data warehouse based on technical specifications and business requirements.
* Design a dimensional data model of the OLAP database using Erwin.
* Automate power query refresh using power shell script and windows task schedule.
* Use a Power BI desktop to develop data analysis of multiple data sources to visualize the reports.
* Develop dashboards and ad hoc reports using MS power bi and SSRS for the senior management team for analysis.
* Involvement in creating DAX, cubes, and tabular models using SQL analysis services.
* Deploy dashboards, reports, and data sources in the Power BI service.
* Written Calculated Columns, Measures, and Queries in Power BI desktop and also Tabular model to show good data analysis techniques.
* Worked with T-SQL to create Tables, Views, Triggers and Stored Procedures.
* Created complex joins and implemented Constraints on tables for maintaining Data Integrity.
* Designed and developed custom .NET components and user controls using ASP.NET.
* Wrote VB Scripts to create custom SSIS transformations, in addition to using built-in SSIS transformations.
* Involved in creating high level ETL architecture for overall data transfer to OLTP, ODS with the help of SQL Server 2019, 2016 Integration services.
* Involved in relational database modeling like, designing the tables, algorithmic diagrams for the input data (entity diagrams), indexes etc.
* Worked on retrieving data from Legacy sources, retrieve files on daily, weekly and monthly basis, file-transfers from one location to other.
* Created complex SSIS packages using appropriate control and data flow elements with SSIS Standards like error handling, logging and working with package configure files.
* Exporting the database from Local server to the remote server and importing the current running database from remote server to the local DB Server using SSIS.
* Reduced the overall ETL time by SQL Query performance Tuning. Discussed with user interface and external interface teams over the performance issues and provided solutions.
* Created databases, tables, and fields for data entry, performing database capacity planning.
* Enhanced and deployed the SSIS packages from development server to production server and scheduled jobs.

**Environment:** *MS SQL Server 2019 SQL Server Reporting Services (SSRS), MS Access, MS Excel, APIs, XML, HTML, ERWIN Data Modeler v7.0, SSIS, BCP, T-SQL, Power BI desktop, DAX*

**EDUCATION**

* Bachelor’s Degree