**BEHAILU TESSEMA**

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**Professional Summary**

* Efficient and experienced professional with proven knowledge in SQL Database and Power BI Developing technologies and ETL Using

SQL Server SSIS/SSAS/SSRS in various Industries for over six years.

* Effective problem-solving skills and ability to analyze existing systems, ascertain users' needs, and translate them into clear proposals and plans.
* Excellent communication with multifunctional teams, programmers, and technical staff at all levels.
* Experience Working in Agile, Scrum, and Rational Process (waterfall) models.
* Expertise in performance tuning of Data Flow Tasks in SSIS Packages.
* Excellent Knowledge of Basic and Advanced DAX expressions using SUM, SUMX, variables, etc. Data Modeling – direct query, transform, manipulate, blend, and Power Query.
* Experience creating Historical and Incremental Jobs and alerts and setting up SQL server mail agents for SSIS packages.
* Expertise in SQL Server SSIS/SSRS/Power BI Desktop in various Industries like Finance, Retailer, and Insurance.
* Expertise in creating and managing database objects by using DDL, DML, DQL, DCL, and TCL
* Expertise in reports like Drill Down, Drill Through, Parameterized, columns, stacked, trend, card, KPI, Matrix, and Web reporting by customizing URL Access.
* Expert in building visualizations in Power BI Desktop and Power BI Service and managing Power BI workspace users.
* Hands-on experience deploying Power BI reports to the app workspace and configuring getaways for data refresh.
* Comprehensive knowledge of all phases of the Software Development Life Cycle (SDLC)
* Well-versed in developing Data Transformation workflows (ETL) using SSIS packages.
* Well-versed in designing dynamic SSIS packages using variables, parameters, and expressions.
* Experience in Installing, Configuring, Managing, Monitoring, Performance tuning, and Troubleshooting SQL Server.
* Proficient knowledge of SQL Server Administration.

**Skills**

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| * **MS SQL Server, Azure SQL Database,** **PostgreSQL,** **Oracle, Excel, SharePoint** * **Window 7/8/10** * **MS-SSMS/SSIS/SSAS/SSRS** * **Power BI** * **T-SQL Coding, DAX, Power Query, MFormula** * **Anaconda Navigator, [Jupyter Notebook](https://jupyter.org/)** * **Python, Pandas** * **Agile Methodology** * **Data Warehousing and Analytics, Data Modeling, Data Visualization** * **AZURE DevOps** * **Stored Procedure,** **Trigger, Function** | * **Normalization** * **SQL Server Profiler, SQL Query Analyzer, Tuning Adviser** * **Reporting Analytics** * **Database Schemas** * **Resource Governor, Scrum** * **GitHub, Jira, Trello, MS Outlook, Team, Slack** * **Oracle Database modeler** * **SCD** * **Dimensional Modeling** * **Erwin, Microsoft Visio** |

* **MS SQL Server,Azure SQL Database**
* **MS-SSMS/SSIS/SSAS/SSRS**
* **Power BI**
* **T-SQL Coding, DAX**
* **Agile Methodology**
* **Data Warehousing and Analytics,Data Modeling,Data Visualization**
* **AZURE DevOps**
* **SQL Server Profiler, SQL Query Analyzer, Tuning Adviser**
* **Reporting Analytics**
* **Database Schemas**
* **Resource Governor,Scrum**
* **GitHub, Jira,Trello, MS Outlook, Team, Slack**
* **Oracle Database modeler**

**Work History**

SQL/Powe BI Developer, 03/2021 to Current

Herman Miller – Holland, MI

* Designing, building, and maintaining complex stored procedures, tables, views, subqueries, triggers, materialized Views, synonyms, and functions for application development.
* Extensively using multiple Joins, sub-queries, CTEs, and SQL merge joins in stored procedures to load dimension and fact tables incrementally.
* Writing SQL stored procedures and user-defined functions (UDFS) to be used in SSIS packages and SQL scripts.
* Creating and implementing database designs and data models.
* Developing and maintaining database documentation, including data dictionaries, entity relationship diagrams, and standard operating procedures.
* Creating Normalization and De-Normalization of existing tables for faster query retrieval.
* Developing complex Stored Procedures to generate various Drill Reports, Drill-through reports, Parameterized reports, Tabular reports, Matrix reports, and linked reports using SSRS.
* Transforming Data(ETL) By using Power Query(GUI) and M formula.
* working with Data Analysis Expressions (DAX) in Power BI, where I have crafted intricate DAX calculations,

designed and maintained data models and produced insightful reports and visualizations for informed decision-making.

* Creating ETL pipeline using Python Script by importing Pandas Library on Jupyter notebook IDE.
* Publishing Power BI visualizations to the app workspace on Power BI Service.
* Configuring Row-level security to control access to data reports.
* Configuring getaways in Power BI Pro for Data Refresh.
* Maintaining Legacy SSRS reports and AMP; Migrating SSRS reports to Power BI.
* Developing dynamic dashboards, grids, graphs, scorecards, and statistical reports.
* Building, publishing, and scheduling customized interactive reports and dashboards utilizing Power BI.
* Developing and deploying SSRS reports using SQL Server Data Tool (SSDT) in Visual Studio.
* Delivering on-demand reports with standard and data-driven subscriptions in Power BI and SSRS.
* Gathering and AMP; blending data from various data sources, third-party tools, Ftp, and AMP; SharePoint List; importing data from Flat file, CSV file, and Excel to/from SQL Server database using Power BI.
* Creating an aggregate table for large transactions.
* Configure incremental refresh for large datasets.
* Creating a different solution for slow reports.
* Designing Parameterized Reports for generating Ad-Hoc reports per the client's requirement.
* Working with the Agile team to streamline tasks in the Sprint cycle.

SQL / *BI* Developer, 01/2019 to 02/2021

Quicken Loan Detroit, MI

* Developed and maintained complex SQL stored procedures and functions.
* Created and implemented ETL design patterns (SSIS best practices) for each OLTP /OLAP and ad-hoc request for the business users.
* Develop ETL (SSIS) solutions to provide data for Analytics, visualizations, dashboards, and reports.
* Used For-Each Loop Container, Sequence Container, Script task, Expressions, Execute SQL task, Variables, Send Mail Task, FTP Task Package Execution task to achieve business needs.
* Created SSIS packages to Extract, Transform, and load data using different transformations such as Lookup, Derived Columns, Condition Split, Aggregate,

Pivot Transformation, Slowly Changing Dimension, Merge Join, Union, and Union.

* Developed Complex SSIS Packages to load data into Staging, ODS, and Data Warehouse systems.
* Created XML Package Configurations and Error Handling using Event Handlers for On Error, On Warning, and On-Task Failed Event Types.
* Optimizing and Performance Tuning SQL Scripts to make reports run smoothly and efficiently.
* Automated SSIS Packages using SQL Server Agent Jobs and Configured various event-driven e-mail notification processes in SSIS packages.
* Created audit database to handle SSIS error output and validate data.
* Designed visual report solutions, including dashboards using SSRS and other data visualization/dashboard tools.
* Deployed SSRS report to Report Server Web Service.
* Created Report E-mail Subscription using Data-Driven and Time-Triggered Report Subscriptions and Wrote efficient stored procedures for optimal performance.
* Actively participated in review meetings with the Project Manager to ensure that the development of projects met business and system requirements.
* Designed Parameterized Reports for generating Ad-Hoc reports per the client's requirement.
* Designed a fully Normalized relational database model for application support.
* Developed Error Handling scripts to adhere to Transactional properties (ACID)
* Developed a complete SSIS life cycle, creating SSIS packages, including building, deploying, executing, and scheduling the packages.
* Created an SSIS package that refreshes type one and three-dimensional tables using slowly changing dimensions transformation.

SQL/ BI Developer 01/2017 to 12/2018

Paper Mart – Orange, CA

* Actively participate in the implementations' Design, Build, Test, and deployment phases.
* Worked on SQL Server Integration Services (SSIS) to integrate and analyze data from multiple homogeneous and heterogeneous information sources (CSV, FTP Server, Excel, DB2, and SQL 2012).
* Developed Custom Logging so user can know when a row is inserted in a custom logging table by every SSIS package that executes if SSIS packages extract a row from DB2 to CDC DB, or if any insert, update, or delete rows in dimension or fact tables in DW.
* Filtered data from Transient Stage to EDW by using Complex T-SQL statements in Execute SQL Query Tasks and Transformations and implemented various Constraints and Triggers for data consistency and to preserve data integrity.
* Used For-Each Loop Container, Sequence Container, Script task, Expressions, Execute SQL task, Variables, Send Mail Task, FTP Task Package Execution task to achieve business needs.
* Created SSIS packages to Extract, Transform, and load data using different transformations such as Lookup, Derived Columns, Condition Split, Aggregate, Pivot Transformation, Slowly Changing Dimension, Merge Join, and Union.
* Developed SSIS Packages to move data from one database of a server (Partner) to another (CRM) using Web Services Call.
* Created SSIS 2012 Packages to perform filtering operations and import the data daily from the OLTP system, DSR to the SQL server.
* Developed complex Stored Procedures to generate drill-down reports, Drill-through reports, Parameterized reports, Tabular reports, Matrix reports, and linked reports using SSRS.
* Wrote and modified various Stored Procedures used in the application using T-SQL.
* Scheduled and maintained packages daily, weekly, and monthly using SQL Server Agent.
* Actively participated in review meetings with the Project Manager to ensure that the development of projects met business and system requirements.

**Education**

Bachelor of Science: Computer Science, 08/2006

ADDIS ABABA UNIVERSITY - Addis Ababa/Ethiopia