

Dag Tse
+1 703-420-4718
dag.tsegaye11@gmail.com
WOODBIDGE, VA 22191

PROFESSIONAL SUMMARY

- Certified BI/SQL developer with over 6+ years of work experience in developing BI solutions in an agile environment
- Highly motivated SQL/ ETL/ Power BI Developer in Data Warehousing and Business Intelligence Technologies with expertise in SQL Server Development, MSBI stack (TSQL, SSIS, SSRS, SSAS), Tableau and Power BI.
- Expert in developing Dashboards and reports using SSRS and Power BI.
- In-depth knowledge of T-SQL for creating Databases, Tables, Views, Store Procedures, Functions, and Triggers.
- Experienced in MS Power BI Desktop, Power BI Service and Power BI Mobile.
- Experience working with dataset ingestion, data model creation, reports, dashboards, KPIs, Power BI Pro features, workspaces, security etc.
- Experience in Data Analytics Expressions (DAX) and Power Query Editor.
- Experience in creating row level security with Power BI and integration with Power BI service portal.
- Hands on experience in Installing and configuring Enterprise and Personal Gateway in Power BI Services.
- Experience and ability to analyze User Requirements, Business Requirements and Specifications.
- Experience in Reporting Services, Power BI (Dashboard Reports), Crystals Reports, SSRS using MS SQL Server and in supporting services MDX Technology of the analysis services.
- Experience on generating on-demand and scheduled reports for business analysis or management decision using SQL Server Reporting Services.
- Skilled in using UKG Pro's Reporting Studio for customized data views, supporting strategic decision-making.
- Integrated UKG Pro data with other HR systems to create unified, cross-departmental reports for comprehensive insights.
- Proficient in designing custom reports and dashboards in UKG Pro and WFM systems, tailored to meet unique business needs.
- Good working knowledge in data warehousing (Tabular model), OLAP using the Dimensional Modeling techniques such as star schema, FACT and Dimension Tables using MS Analysis Services (SSAS).
- Experienced in designing relational and dimensional data modeling and creating database objects.
- Good working knowledge to Extract, Transfer and Load data between different files and database from different sources.
- Proficient in dynamic SQL, Stored Procedures, Views, Triggers, Functions, Index and DML and DDL queries.
- Outstanding experience on database server Installation, Configuration, Maintenance, Migration/Upgrade and Patching.
- Excellent experience on Disaster Recovery and High Availability implementations (DRHA) solutions such as Backup & Recovery, Log Shipping, Mirroring, Replications and Failover Clustering and Always-On availability.
- Demonstrated proficiency on Performance Tuning and Database Optimization Techniques
- Extensive experience in design/model, development, implementation, management, and configuration of Relational Databases.
- Strong knowledge of Data Warehousing methodologies and including Star Schema and Snowflake concepts.
- Implemented Power BI gateway different source to match analysis criteria and further modeling for Power Pivot and Power View.
- Expertise in data transformations such as adding calculated columns, managing relationships, create different measures, remove rows, replace values, split column, date and time column.
- Experience in combining data from different sources using power query.
- Experience with Power Pivot, Power Platform and Dashboard Designer.
- Troubleshoot and support reports in Power BI workspace whenever there are issues in production.
- Ability to work well in a team in collaboration with developers, testers, project managers, and customers.

EDUCATION:

University of The People, Pasadena, CA, USA Currently pursuing
MSc in Information Technology

RVU, ET

Bachelor's degree computer science

July 2014

ATH College, ET

Bachelor's degree public health

Sep 2018

MYML College, ET

Bachelor's degree management

Aug 2021

CERTIFICATION:

- Microsoft SQL Server with Transact-SQL Certification
- SSIS, SSRS, and SSAS Certification
- AWS Certified Cloud Practitioner
- Power BI and Tableau Certification

TECHNICAL SKILLS:

- Database Technologies: SQL Server Management Studio 2017, T-SQL, SQL Server, SSRS (SQL Server Reporting Services), SSAS (SQL Server Analysis Services), SSIS (SQL Server Integration Services), Transact-SQL, Azure SQL DB, Cosmos DB, UKG Pro, WFM
- Data Analysis and Visualization: SSRS, ElasticSearch Kibana, Power-BI, Tableau, Power Pivot., Data Extraction, Data Analytics, Data Visualization, Data Modeling, Business Intelligence
- Programming Languages and Scripting: PowerShell, M Language for Power Query, DAX, TSQL, C#, and VB basics
- Microsoft Office Suite: MS Office 360, MS Excel, MS Access, MS Office Suite, SharePoint
- Data Migration: Backup and Restore, Bulk Insert, Bulk Copy Program utility (BCP), Import Export Wizard, Copy Database Wizard, Database Migration Assistant and SSIS
- Web Technologies: HTML, JavaScript, CSS, PHP, Windows, Mac, Linux, UNIX.
- Other Tools: Jira, Oracle VM Virtual Box, VMware, RedGate, IDERA, SolarWinds, Service Now, SCCM, Informatica, Fuse.

PROFESSIONAL EXPERIENCE

OneMain, Baltimore, MD

Aug 2023 – Present

SQL/Power BI Developer

Responsibilities:

- Designed, reviewed, and created primary objects (views, indexes, etc.) based on logical design models, user requirements and physical constraints.
- Developed, Maintained, and Managed advanced reporting, Data cleaning, Report Design, analytics, dashboards, and other BI solutions such as Tableau.
- Wrote T-SQL (DDL and DML) queries, stored procedures and used them to build packages and handled slowly changing dimensions to maintain the history of the data.
- Build GSHS Reports in Power BI from scratch.
- Designed custom reports and dashboards in UKG Pro and WFM systems, tailored to meet unique business needs.
- Integrated UKG Pro data with other HR systems to create unified, cross-departmental reports for comprehensive insights.
- Performed and worked with dimensions, measures and MDX queries.
- Developed various solution driven views and dashboards by developing different chart types including Pie Charts, Bar Charts, Tree Maps, Circle Views, Line Charts, Area Charts, Scatter Plots in Power BI.
- Utilized (Power BI, Pivot/View) to design multiple scorecards and dashboards to display information required by different departments and upper-level management.
- Created data marts and multi-dimensional models like Star schema and Snowflake schema.
- Implemented several DAX functions for various fact calculations for efficient data visualization in Power BI.
- Designed complex data intensive reports in Power BI utilizing various graph features such as gauge, funnel for better business analysis.
- Specialized in transforming data into user-friendly visualization to give business users a complete view of their business using Power BI.
- Generated customized SSRS and crystal reports that include parameterized reports, drill down reports, drill through reports, linked reports, Sub-reports.
- Used various sources to pull data into Power BI such as SQL Server, oracle.
- Involved in installation of Power BI Report Server.
- Created Power BI reports by using Joins in multiple tables from multiples database using complex SQL queries.
- Designed a Power BI data model with multiple fact tables and dimensions depending on the business requirements.
- Generated reports using global variables, expressions and functions.
- Configured reporting services in SQL Server.
- Created different power pivot reports as per the client requirement.
- Gathered data and visual requirements from business users to deliver effective reports, dashboards and analytics.

Aetna, Hartford, CT

Mar 2020 – Jul 2023

SQL/Power BI Developer

Responsibilities:

- Exposure to Business Analysis activities: I have been involved in the requirements gathering, planning and implementation process of small to medium projects. I participated in the creation and review of the Business Requirements Document.

- I have been involved in the development and maintenance of Database Schema, Entity relationship diagrams, and Data modeling. I developed tables, constraints, schemas, indexes, views, creating complex stored procedures, triggers, functions.
- Have developed and maintained complex SQL queries using joins, sub queries and correlated sub queries. Developed complex store procedure and user-defined functions.
- Troubleshooting slow performing queries by using SQL Profiler.
- Created packages using SSIS for extracting data from Flat Files, XML files, CSV files, Access, Excel files, OLE DB to SQL Server, and load data to the Data Warehouse.
- Designed SSIS packages to bring data from existing OLTP databases to the new data warehouse by performing different transformations like lookup transformations, merge joins, derived columns, conditional split, data conversion with multiple data flow tasks.
- Implemented Various Error handling and Event Handling Techniques in SSIS to ensure efficient package execution.
- Developing OLAP cubes by identifying tables (fact and dimension), Data Source and Data Source Views, attributes and dimension members using SQL Server Analysis Services (SSAS)
- Experience in creating time dimensions within SSAS and within SSMS
- Generated customized SSRS and crystal reports that include parameterized reports, drill down reports, drill through reports, linked reports, Sub-reports.
- Integrated **UKG Pro** data with other HR systems to create unified, cross-departmental reports for comprehensive insights.
- Scheduled the monthly/weekly/daily reports to run automatically onto the Dashboard.
- Deployed the solutions on web server, involved in creating user security and roles in reporting services at both parent level and report level.

Cook Medical, Indianapolis, IN
SQL BI /ETL DEVELOPER

Feb 2018 – Feb 2020

Responsibilities:

- Designing, building, and maintaining complex ETL package
- Strong in ETL, Data warehousing, Operations Data Store concepts, data marts, OLAP and OLTP systems
- Extensively designed the packages and data mapping using Control flow task, Sequence container task, Dataflow Task, Execute SQL Task and Script Task in SSIS Designer
- Collaborated with HR and Payroll to translate workforce data requirements into actionable **custom reports** and KPIs, utilizing UKG Pro, WFM tool.
- Automated Power Query refresh using power by using parameter.
- Used various sources to pull data into Power BI such as SQL Server
- Installed and configured Enterprise gateway and Personal gateway in Power bi service
- Created Workspace and content packs for business users to view the developed reports.
- Scheduled Automatic refresh and scheduling refresh in power bi service.
- Wrote calculated columns, Measures queries in power bi desktop to show good data analysis.
- Worked on all kind of reports such as Yearly, Quarterly, Monthly, and Daily worked on all kind of reports such as Yearly, Quarterly, Monthly, and Daily
- Worked on all types of transformations that are available in Power bi query editor.
- Created stored procedures and SQL queries to pull data into power pivot model.
- Involved in the process of upgrading SQL Server systems to SQL Server 2008 R2 to 2012
- Extensively worked on tuning stored procedures and queries for optimum performance
- Designed and Created databases, tables, views, stored procedures, Cursors and DDL & DML triggers.
- Used DBCC commands to check physical and logical consistency of the databases and rebuilt indexes.
- Provided all levels of support, including on-call support on a rotational basis.
- Provided full support of SQL Server SSIS and SSRS services.
- Designed, implemented, maintained, and provided full support of SQL Server clustering and mirroring.
- Controlled, monitored, and generated an access report process for user access to the database.
- Deployed database objects from development/testing environment to production environment
- Worked with production team on data warehousing in handling large databases.
- Created logins and users as and when required with specific roles on production server.
- Created SQL alerts, Mail, and linked servers for accessing data from remote servers using jobs.