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## Summary

- ✓ Experience in SDLC (Software Development Life Cycle) involving System analysis, Design Development & Implementation using Waterfall methodology and agile methodology.
- ✓ Extensive experience in analysis, design and development of software applications in SQL Server and Azure Synapse Analytics.
- ✓ Extensive knowledge in ER Diagram & logical & physical data modeling using Oracle Data modeler.
- ✓ Extensive experience in designing de-normalized data warehouse including Star Schema, Snow Flake Schema and data flow diagrams.
- ✓ Extensive experience in creating and using Stored Procedure, Views, Triggers, schemas and Complex queries on SQL Server Management Studio.
- ✓ Hands on experience in configuring Data Flow source and destination connection strings
- ✓ Extensive experience in implementing event driven Error handlings and package logs.
- ✓ Expert in creating Dynamic ETL design patterns with Parameters, local and environmental variables, XML configuration and check points using SSIS.
- ✓ Hands on Experience on SSIS package development, deployment and scheduling.
- ✓ Expert in creating data visualizations such as dashboards, parameterized reports, drill down reports, and interactive reports using SQL Server Reporting Service.
- ✓ Hands on experience on developing Page level Reports, Dashboards, & Stories Using Power BI.
- ✓ Experience in building dynamic Navigation bars to simplify multi report visualization.
- ✓ Experience in creating custom columns and measures using DAX in Power BI
- ✓ Built data visualizations in Power BI Desktop and Power BI Service
- ✓ Designed dynamic visuals using Bookmarks, Slicers, custom tooltips in Power BI
- ✓ Created and managing Power BI App workspaces (Classic and Modern)
- ✓ Published and Shared Power BI reports and Data models in Power BI workspaces
- ✓ Extensive experience in implementing self-service reporting capabilities using SQL Server Analysis service, Power BI and Report Builder.
- ✓ Experienced in Database Optimization using SQL Profiler, Database Tuning Advisor, and windows performance monitor.
- ✓ Experienced to translate reporting and analytical needs into technical solutions.

## TECHNICAL SKILLS

- ✓ Databases: MS SQL Server 2008R2/2012/2016/2017/2019/Azure Synapse Analytics
- ✓ ETL Tools: SQL Server Integration Services (SSIS), ADF, DTS
- ✓ Reporting Tools: SQL Server Reporting Services (SSRS), Report Builder 2.0/3.0, Power BI
- ✓ Data Mining Tools: SQL Server Analysis Services (SSAS)/Azure Analysis Services
- ✓ Database Tools: SQL Profiler, Database Engine Tuning Advisor, SSMS, SQL Agents
- ✓ Language skills: Transact SQL (T-SQL), My/SQL, PL/SQL

## PROJECT DELIVERY METHODOLOGY

- ✓ **Agile methodology with Multiple Sprint Cycles**
  - Customer focused & Rapid delivery
  - Adaptive to changes in technology & requirements
  - Highly collaborative with Daily Scrum meetings
- ✓ **Waterfall**
  - Following Liner Sequential Life Cycle Model
  - Detailed Documentations and requirements
  - Full SDLC per Cycle

**Tools & Technology:** ADF, ADL, ODATA API; Appian; SharePoint; GitHub; Azure DevOps; Slack; JIRA; Oracle SQL Developer Data Modeler; Salesforce; JSON; XML; HTML; Snowflake; Azure SQL ; ODBC; OLE DB; Data Cube; ADO.Net

**Netlogic Solutions, Inc. –US DOL****October 2020 – Present****ETL/BI Developer****Responsibilities**

- ✓ Gathered business requirements, and converted it into technical requirement.
- ✓ Prepared and documented data dictionary and mapping for EDW.
- ✓ Performed Data Modelling (Conceptual, Logical and Physical) and developed a Data Warehouse.
- ✓ Developed and automated ETL operations for data load to Data Warehouse using Stored Procedure and Azure Synapse Analytics Pipeline.
- ✓ Performed Data Profiling to determine data integrity for transformation of data from legacy source to EDW.
- ✓ Configured Rest API that performs on demand pipeline trigger for data refresh from source to EDW and also to Power BI dataset.
- ✓ Monitored time taking queries and performed performance tuning to reduce the execution time.

**DUNA TECH****January 2020 – October 2020****ETL/BI Consultant****Responsibilities**

- ✓ Guided and supported trainees who are placed on professional development solution implementation program in the area of Transactional Database Modelling, Dimensional Modelling and Data Warehousing, Data Visualization, Reporting and Analysis.
  - ✓ Conducted and automated the ETL operations to extract data from multiple data sources, transform inconsistent and missing data to consistent and reliable data and finally load it into the multi-dimensional data warehouse.
  - ✓ Built Data Integration workflows to transfer data from heterogeneous sources (Flat file, Excel, CSV, & Access).
  - ✓ Worked on Data Mapping and Documentation.
  - ✓ Used GAW MFT to transfer large volumes of data to and from different servers.
  - ✓ Responsible for Data Profiling to determine data integrity for transformation of Data from Source to Target.
  - ✓ Developed and automated ETL process to extract data from multiple data sources, transform inconsistent and missing data to consistent and reliable data and finally load it into data warehouse.
  - ✓ Developed and Optimized Stored Procedures and Functions using T-SQL
  - ✓ Gathered business requirements, converted it into technical requirement and SQL stored procedures for database specific projects
  - ✓ Conduct meetings with stakeholders throughout development to gather system requirements from users and ensure user acceptance testing was performed.
  - ✓ Created & Managed Database Objects such as Stored Procedures, Views, Tables & Function to support application team & Ad Hoc Data Request.
  - ✓ Updated existing Stored Procedures to accommodate new business rules and processes
  - ✓ Built reports in SSRS for errors generated by SSIS Packages; generated Reports using Data Source Views in Report Builder; created Drill Down, Drill through, linked and sub reports using SSRS.
  - ✓ Developed SSRS reports using SQL Server Data Tool (SSDT) & Report Builder
  - ✓ Created Time Dimensions on OLAP Cubes using SSAS.
  - ✓ Monitored time taking queries with Performance Tuning to reduce the execution time and created packages in SSIS with error handling and tested the packages for Incremental Data Load & duplications.
  - ✓ Designed and developed data-driven views, reports, objects, hierarchies, filters, dashboards, metrics and visualizations on Microsoft Power BI platform.
  - ✓ Created custom columns and measures using DAX in Power BI
  - ✓ Developed data visualizations in Power BI Desktop and Power BI Service
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**J.G. Wentworth**  
**ETL/SSIS Developer**  
**Responsibilities**

**May 2018 – December 2019**

- ✓ Involved with full development cycle of a Data Warehouse, including requirements gathering/conversion, design, implementation, and maintenance.
- ✓ Worked with Type 1 and 2 dimensions, Fact Tables, Star Schema design, Operational Data Store (ODS), leveling and other Data Warehouse concepts.
- ✓ Export and import data from Flat file, CSV file, Excel to/from SQL Server database using SSIS.
- ✓ Strong working experience in the Data Analysis, Design, Development, Implementation and Testing of Data Warehousing using Data Conversions, Data Extraction, Data Transformation and Data Loading (ETL).
- ✓ Developed Complex SSIS Packages to load data into Staging, ODS, and Data Warehouse systems.
- ✓ Monitored time taking queries with Performance Tuning to reduce the execution time and created packages in SSIS with error handling and also tested the packages for Incremental Data Load & duplications.
- ✓ Developed, implemented and maintained various T-SQL objects such as Functions, Tables, Views, Triggers, Indexes, Constraints, Stored Procedures and Queries to be used in the project.
- ✓ Optimized the performance of queries with modification in T-SQL queries, creating sub queries, establishing joins and creating indexes wherever necessary.
- ✓ Developed, monitored and deployed SSIS packages for ETL flow to validate, extract, transform and load data into database.
- ✓ Managed and monitored the system utilization by using the query optimizer and checking the execution plan.
- ✓ Created SQL server Analysis Projects; created tabular cubes, facts and dimensions for the analysis in specific areas using SSAS.
- ✓ Documented and delivered Functional Specification Document to the project team by using SQL Server.
- ✓ Tested the reports and fixed bugs in the stored procedures. Involved in scheduling the reports and setting security for reports.
- ✓ Expert in creating data visualizations such as dashboards, parameterized reports, drill down reports, and interactive reports using SQL Server Reporting Service.
- ✓ Hands on experience on developing Page level Reports, Dashboards, and Stories Using Microsoft Power BI.
- ✓ Extensive experience in implementing self-service reporting capabilities using SQL Server Analysis service, Power BI and Report Builder.
- ✓ Defined the report layout and identified Datasets for report generation.
- ✓ Created different type of reports including Cross-tab, Drill through, Drill-down, Sub reports, and parameterized reports.
- ✓ Scheduled the monthly/weekly/daily reports to run automatically.

**PEREGRIN SERVICES CORP.**

**October 2016 – April 2018**

**BI/ ETL Developer**  
**Responsibilities**

- ✓ Built Data Integration workflows to transfer data from heterogeneous sources (Flat file, Excel, CSV, & Access) to OLAP using SQL Server Integration Services (SSIS).
  - ✓ Identified the data sources and created source to target mapping documents to be used by the packages in SQL Server Integration Services (SSIS).
  - ✓ Conducted and automated the ETL operations to extract data from multiple data sources, transform inconsistent and missing data to consistent and reliable data and finally load it into the multi-dimensional data warehouse.
  - ✓ Monitored time taking queries with Performance Tuning to reduce the execution time and created packages in SSIS with error handling and tested the packages for Incremental Data Load & duplications.
  - ✓ Created & Managed Database Objects such as Stored Procedures, Views, Tables & Function to support application team & Ad Hoc Data Request.
  - ✓ Updated existing Stored Procedures to accommodate new business rules and processes
  - ✓ Built reports in SSRS; generated reports using data source views in report builder; created Drill Down, Drill through, linked and sub reports using SSRS.
  - ✓ Developed SSRS reports using SQL Server Data Tool (SSDT) & Report Builder
  - ✓ Generated various type SSRS reports that could be used to send information to different vendors, clients and managers.
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- ✓ Responsible for data profiling to determine data integrity for transformation of data from source to target.
- ✓ Involved in data analysis, dimensional data modelling, and ETL design & report development.
- ✓ Designed OLAP cubes with star schema and multiple partitions using SSAS.
- ✓ Created and modified SSAS cubes (dimensions, facts, members, calculations, etc)
- ✓ Created aggregations, partitions, KPI's and perspectives for a cube as per business requirements and created roles using SSAS to restrict cube properties.
- ✓ Involved in development & deployment of SSAS Cube, monitor full and incremental loads and support any issues.
- ✓ Designed and developed data-driven views, reports, objects, hierarchies, filters, dashboards, metrics and visualizations on Microsoft Power BI platform.
- ✓ Created custom columns and measures using DAX in Power BI
- ✓ Configured report Subscription and report sharing rules in Power BI workspace
- ✓ Developed data visualizations in Power BI Desktop and Power BI Service
- ✓ Designed dynamic visuals using Bookmarks, Slicers, custom tooltips in Power BI
- ✓ Created and managed Power BI App workspaces (Classic and Modern)
- ✓ Published and Shared Power BI reports and Data models in Power BI workspaces

## **Ethiopian Public Health Institute**

**July 2014 – April 2016**

### **Business Analyst/Consultant**

#### **Responsibilities**

- ✓ Analysed sets of data on research grant portfolio for planning and reporting purposes, extracted data and prepared reports according to specific requirements. Summarized scientific information and work of investigators and research programs and/or translated into a usable and understandable format for the targeted audience.
- ✓ Prepared, analysed data and reports for semi-annual staff retreats.
- ✓ Collected, reviewed, analyzed, and organized relevant scientific/biomedical information to prepare clear and effective reports of high quality in a timely manner with minimal errors within specified deadlines.
- ✓ Gathered business requirements, converted it into technical requirement and SQL stored procedures for database specific projects.
- ✓ Conduct meetings with stakeholders throughout development to gather system requirements from users and ensure user acceptance testing was performed.
- ✓ Provided enterprise-wide data science and business intelligence services as well as recommendations to decentralized, embedded data scientists and analysts throughout the business.
- ✓ Supported data strategy leadership in the development, assessment, refinement, and implementation of corporate strategy through the effective use of data analytics.
- ✓ Oversaw and presented robust ad-hoc reports, data models, and deep-dive analysis to provide clear observations so that managers can make more informed decisions.

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#### **EDUCATION, TRAINING & CERTIFICATION**

- ✓ **MPH:** 2014  
Addis Ababa University| Addis Ababa, Ethiopia
- ✓ **BSc:** 2008  
University of Gondar| Gondar, Ethiopia

#### **TRAINING:**

- ✓ Relational Database Management System Training
- ✓ Normalization and Dimensional Modeling
- ✓ Power BI Data Visualization & Reporting
- ✓ Enterprise Data Warehousing & Ad Hoc Analysis
- ✓ Data Integration & ETL Workflow Development

#### **CERTIFICATION:**

- ✓ Microsoft Certified: Azure Data Engineer Associate (Expires Nov 2022)