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# ACHAMYELEH EWUNETU

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## PROFESSIONAL SUMMARY

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Data Scientist in analyzing large data sets and coming up with data-driven insights. A Solution-oriented and results-driven Data Analyst with more than seven years of analytical and technical experience focusing on Data integration, Data modeling, Data Warehouse Design and Development, Data Analysis, Microsoft Power BI Development, Deployment, and maintaining deliverables. Extensive experience in using the Microsoft Suite (SQL Server, SQL Server Integration Services (SSIS) ETL Lifecycle and development, SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), and Power BI. Senior Domo Developer experienced in providing full-stack BI solutions within the DOMO platform including connecting and transforming big data, designing, and building Data Visualizations (and ultimately building apps and extensions) that drive decisions. Utilized On-Prem and Cloud-based ETL platforms (ADF, Data Flow), for data integrations and used dynamically typed programming languages, such as Python and R, not only for analysis and visualization but also for statistical & machine learning tasks.

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## SKILLS

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- **Operating System:** Windows, Linux.
- **Components/ Environment:** MS SQL Server Management Studio, Oracle Database, Jira, Linux, ERP, SAP, PBI Desktop, Power BI Service, DOMO and Azure.
- **Languages:** T-SQL, PL/SQL, Multidimensional Expressions (MDX), M Language, Linux shells scripting, Azure, Visual Basic, Python, MATLAB, STATA, EViews, SPSS, SAS, GAMS (General Algebraic Modeling System) and R.
- **Database:** MS SQL Server, MySQL, PostgreSQL, Oracle, Teradata, and Flat files.
- **Tools:** SQL Server, SSIS, SSRS, SSAS SAS, Power BI, DOMO, Oracle SQL Developer, WinSCP, PuTTY, Visual Studio, and Watson Studio.
- **Third-party tools:** DAX, Power BI Report Builder, Tabular Editor, and Metadata Translator, and Dataddo.
- **Applications:** T-SQL, Stored Procedure, Trigger, User Defined function, View, Index, Database Design, Performance Tuning, Data Warehousing, Star Schema, and Snowflake Schema, QuickSight, Power BI Desktop, DOMO, Power BI Service, Power BI Mobile, Row-Level Security, Power BI Gateway, Power BI Dataset Refresh, Dashboard, Data Visualization, Data Analysis Expression (DAX), Power Query, Data Modeling/Power Pivot, Microsoft Data Transformation Services (DTS), SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), MSBI (SSAS Tabular Model, SSAS Multidimensional Model), and SQL Server Business Intelligence Development Studio (BIDS).

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## WORK HISTORY

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**Sr. BI Developer**, 01/2018 to Current

**Colaberry Inc.** – Plano, TX

- Designed and developed DOMO, Power BI and QuickSight graphical and visualization solutions for business requirement documents and Scheduled data refresh as per business need.
- Implemented DOMO (Magic ETL and Beast Mode) and Power BI Power Query to extract data from external sources and modify data to generate reports.
- Wrote queries, stored procedures, functions, packages, views, indexes & triggers using SQL, T-SQL, and PL/SQL.
- Designed, documented, and implemented Data Warehouse – using Star and Snowflake Schema
- Worked on both live and import data to Power BI for creating reports and Power BI gateway to Schedule daily jobs to refresh data.
- Installed and Configured Enterprise Gateway and Personal Gateway in Power Bi Services.
- Published a Power BI reports in Power BI server and scheduled dataset to refresh for live data in Power BI server.
- Implemented DAX functions for various fact calculations for efficient data visualization in Power BI Desktop.
- Created interactive dashboards, email reports, and built-in analytics that business users can access to gain insights and take the actions they need.
- Created SSIS Packages to export data from SQL server tables to flat files like excel, CSC, JSON, and other delimited files and vice versa.
- Developed ETL processes to define and load data into fact and dimension tables from multiple sources like Files, Oracle, Teradata, and SQL Server databases.
- Designed and deployed SSIS packages using various Transformations such as Multicast, Merge Join, Lookup, Fuzzy Lookup, Conditional Split, Derived Column, Script Component, etc. transformations.
- Used SQL MERGE Statement to update Type 2 Slowly changing dimensions, find inserts/deletes and populate dimension tables.
- Automated processes through SSIS Packages using SQL Server Agent job and loaded internal and external data into data mart and data warehouse.
- Analyzed existing dashboard and identified issue; provided technical solutions to resolve data integrity and functional issues; enhanced existing dashboard and updated business requirements identified by customer.
- Identified performance-related issues, implemented solutions to improve dashboard performance.
- Worked with Data Architects, DBAs, and Business Intelligence teams in designing and support end-to-end data solutions across multiple platforms.

**Environment:** SQL Server 2008/2012/2014/2016/2018/2019, SSIS, SSAS, SSRS, SQL Profiler, SQL, T-SQL, PL/SQL, Oracle, MS Word, MS, Excel, and Power BI Desktop.

**BI Developer**, 02/2016 to 12/2017

**Toyota Motor Sales & Marketing Corp – Owings Mills, MD**

- Created various Business Intelligence/ Analytical Dashboards/reports utilizing Power BI with global filters, calculated columns and measures using complex DAX calculations and transformations using Query Editor & Power Query Formula Language (M).
- Worked extensively building Power BI Dashboards, detailed and summary level reports with KPIs and advanced analysis capabilities, calculations, parameters, maps, and scatter plots using Trend Lines Statistics and Log Axes, Groups hierarchies, time intelligence.
- Worked on Power BI dashboards using visualizations for building report dashboards and publishing, scheduling reports, refresh and automate.
- Publishing of various kinds of live interactive data visualization dashboard reports and workbooks from Power BI Desktop to Power BI servers.
- Supported Business Intelligence/ Data Analytics in analyzing business and data requirements and iteratively designs visualizations for initial concepts and prototypes that can be presented to customers for feedback.
- Conducted Training sessions for Power BI users and created documents for end-user support.
- Build efficient SSIS packages that perform multiple and complex ETL processes to fetch, cleanse transform and validate data coming from various sources such as flat files, online applications, excel, and RDBMS tables and migrate/load to destination tables.
- Demonstrated report requirements collection, analysis, and implementation to complete project deliverables.
- Analyzed business requirements in collaboration with business end-users and developed effective queries for retrieving and analyzing data from variety of sources.
- Used SSIS to create ETL packages to extract, validate, transform, and load data to data warehouse.
- Used advanced SSIS tools (Derived Column, Conditional Split, Lookup Transformation, Aggregate, Multicast).
- Contributed to development and modification of coding standards to ensure consistency, efficiency, and accuracy in reporting and data analysis.
- Performed efficient tuning of SQL source queries for data load/ Usage of stored procedures for optimized performance.

**Environment:** SQL Server 2008/2012/2014/2016, SSIS, SSAS, SSRS, SQL Profiler, SQL, T-SQL, PL/SQL, Oracle, MS Word, MS, Excel, and Power BI Desktop.

**ETL Developer (SQL Server, SSIS, SSRS)**, 12/2014 to 12/2015

**Mr. Cooper – Coppell, TX**

- Designed and created ETL solution to consolidate applications received from various sources.

- Extracted, Transformed & loaded data from various sources like Flat File, Excel, XML, and RDBMS using SSIS tools.
- Worked on all activities related to development, implementation, deployment, and support of ETL processes.
- Used SSIS to create ETL packages to validate, extract, transform and load data to data warehouse databases.
- Performance tuning on existing ETL packages.
- Designed various SSRS reports as requested by client.
- Rendered reports in different formats, such as PDF and Excel, scheduled to be executed automatically on weekly or monthly basis, and managed subscriptions.
- Documented all database objects, procedures, views, functions & packages for future references.

**Environment:** SQL Server 2012/2014, SSIS, and SSRS.

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## EDUCATION

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**Master of Science:** Economics, 06/2011

**Norwegian University of Life Sciences** - Ås, Norway

**Bachelor of Arts:** Economics, 07/2007

**Mekelle University** - Mekelle, Ethiopia