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Data Warehouse/Business Intelligence Solution Developer
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Summary

Data Warehouse/Business Intelligence analyst/architect/developer with focus on Microsoft data visualization analytical solutions and a proven track record of successful, high-profile analytical and Enterprise Data Warehouse (EDW) implementations within various business environments. Holds extensive practical knowledge of the Microsoft BI Toolset, including Power BI, SQL Server, SSIS, SSAS, SSRS, and seeks a position of the DW/BI Developer to implement data-driven analytical solutions by applying modern DW principles and practices.

Specialization: Microsoft SQL Server BI Toolset (Power BI, DAX, SQL Server, T-SQL, SSIS, SSAS, SSRS), Kimball Enterprise DW Method, SSIS ETL development

Experience

Morgan Stanley (01/2019 – Current) Business Intelligence/Power BI Developer in the End User Technologies department

- Data modeling and development of the sBrain server inventory application including data identification, source mapping, ETL development, automation, data visualization layer including Power BI dashboards and reports with DAX calculations.
- Designed and developed mBrain application (mobile device inventory) ETL framework to load Staging and Historical sets of tables to implement SCD logic. Designed Power BI reports to reflect current device status, software version and usage data.
- Participated in the BigFix project where the old source was replaced with a new SCCM source: identified SSIS packages/views/tables that pointed into BigFix as a source, compared data between two sources, modified ETL process and existing Power BI reports.
- Involved in the migration and update of the existing software frameworks.
- Worked closely with business stakeholders to gather analytical requirements, data sources, mapping and visual implementations. Identified project's scopes, dimensional and fact granularities.
- Technologies: Power BI, DAX, DAX Studio, SQL Server, SSIS, SSRS, Jira, Splunk

Namely (07/2016 – 01/2019) Datawarehouse/BI, ETL Senior Developer

- Architected and developed from scratch an Operational Data Store (ODS) system to support near real-time reporting requirements to analyze data from multiple business sources, including HR and Payroll systems. ODS includes Staging, Historical and Warehouse data areas populated by SSIS ETL framework, with over 100 operational and analytical reports created in Tableau, Looker and Excel.
- Developed ETL framework to load Staging and Historical sets of tables to implement SCD logic and archiving of selected datasets. Framework includes logging, error handling, and email notification.
- Developed ETL history-rebuild process to fully restore current state of data sourcing historical tables from the beginning of data record. Process fully restores SCD Type 2 history attributes for each client.
- Worked closely with business stakeholders to identify analytical requirements and setup implementation SLA's. Identified project's scopes, dimensional and fact granularities.
- Performed Data Modeling including ER and Dimensional Modeling including Star/Snowflake schemas.
- Technologies: Power BI, DAX, DAX Studio, Azure SQL Server, PostgreSQL, SSIS, SSAS, SSRS, Tableau, Looker, Visual Studio 2017, GitHub, Lucidchart.

Madison Performance Group (11/2014 – 07/2016) Database/BI/Senior Developer

- Responsible for ETL process for nopCommerce open-source application to support merchandise catalogs for firm's clients. Activities include backend programming, merging existing databases, data quality procedures, preparing ingest files as an application input.
- Working closely with business users to identify mapping and create redemption reports for internal financial and bulling departments.
- Developing SSIS packages, stored procedures, functions to support FTP load from clients.

- Data preparation to Izenda reporting tool. Creation of stored procedures including pivot and dynamic SQL, increase performance of the SQL queries.
- Technologies: Azure SQL Server, SSIS, SSRS, Visual Studio 2013

Healthfirst (12/2011 – 11/2014) – Microsoft BI/DW Developer
- Involved in development of billing and remit reconciliation projects to provide reporting framework for financial department.
- Worked closely with business users to gather business requirements, created project technical documentation, database diagrams and mapping rules. Data analysis and source profiling
- Connected to various data sources and optimized the data retrieval processes to reduce the data extraction time and to minimize external impact on the source data
- Built ETL components (SSIS packages) to stage and integrate incoming data streams, to clean and load initial and incremental data from heterogeneous sources
- Created initial and incremental ETL loading processes, worked on inferred dimensional members, type 2 slowly changing dimensions with star and snowflake schemas
- Created and optimized various relational schema objects: stored procedures, execution scripts, tables, views, indexes, CTE, etc.
- Optimized packages performance to meet data-load window requirements, implemented package configuration, logging and error handling functionalities
- Technologies: SQL Server 2008/2008 R2, SSIS, SSAS, SSRS, BIDS, Excel PowerPivot, MDX/DAX, T-SQL, SAS 9.3, Qlikview BI tool.

Agile Technologies (09/2010 – 12/2011) – DW/BI/SQL Server Developer
- As an ETL developer, participated in ODS system development for large re-insurance company
- Developed technical documentation including: source-to-target data mapping documents, infrastructure schemas and database diagrams
- Designed and installed SSIS packages to confirm, clean and load initial and incremental data from heterogeneous sources
- Created various relational schema objects: stored procedures, execution scripts, tables, views, indexes, etc.
- Optimized packages performance to meet data load window requirements
- Participated in knowledge transfer phase
- Worked on the data integration project for large insurance company
- Created data cleaning and confirmation scripts to match finance data between two major record keeping systems
- Created and optimized various stored procedures to calculate indemnity and expenses for paid and reserved balances
- Produced summary reports at the treaty and policy granularity
- Technologies: SQL Server 2005/2008, SSIS, SSRS, BIDS, Excel PivotTable, T-SQL, Kimball DW Method

GNet Group (09/2009 – 12/2009) – DW/BI Developer
- Participated in project requirements identification and discovery analysis sessions. Conducted following interviews with business users to access the project readiness and scope.
- Identified and documented business processes to support Data Mart development by following the Kimball DW Method.
- Created and optimized Data Warehouse relational star/snowflakes schemas, SCD type 1 and 2
- Designed relational schema objects, including: databases, tables, table constrains, views, stored procedures, indexes, relationships, etc.
- Designed, optimized and deployed numerous SSIS packages to implement ETL process for Data Warehouse initial and incremental loads. Provided Data Mapping documentation. Documented SSIS package data transformation logic.
- Participated in SSAS Cube design and development. Created dimensions, attributes, user-defined hierarchies, optimized attribute relationships.
- Created MDX calculated members, named sets and scope statements.
- Developed numerous SSRS and Excel reports to support operational and decision-making activities.
- Developed KPI's, scorecards, analytical grids and dashboards utilizing PerformancePoint and SharePoint

- Technologies: SQL Server 2005/2008, SSIS, SSAS, SSRS, BIDS, Excel PivotTable, MDX, T-SQL, PerformancePoint, SharePoint, Visio, .NET, Kimball DW Method

Education

- Microsoft Certified IT Professional (MCITP) – MS SQL Server 2008, Business Intelligence Development and Maintenance
- Business Management Diploma, Thomson Education Direct, Toronto, Canada
- Computer Science Professional Diploma, Microsoft Authorized Technical Training and Testing Center, Toronto, Canada
- Master Degree, State University of Medicine, Moscow, Russia

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