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**SQL ETL Power BI Developer**

Versatile BI developer with over 11 years+ of broad expertise collaborating with cross-functional internal and external clients in fast-paced environments. Analytical problem-solver driving innovative solutions for seamless IT operations. Client-oriented team leader and self-motivated team player with proven success managing multiple simultaneous projects. Disciplined quick learner with strong interpersonal, organizational and communication skills.

**Professional Summary**

* Developing and testing MS SQL Server with business intelligence (BI) in SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS) and SQL Server Reporting Services (SSRS), Teradata, Power BI, Power platform.
* Extraction and migration of data from heterogeneous data sources such as Excel, MS Access, Oracle, DB2 to MS SQL Server by using Import Export Wizard, DTS SSIS, BCP and Bulk Insert utilities.
* Data modeling and multi-dimensional modeling, With Teradata.
* Principles of data warehouse (DW) using Fact Tables, Dimension Tables and Star
* Schema modeling and data modeling for DW
* RDBMS principles
* MS SQL Server suite of products such as TSQL, SSRS and SSIS
* Creating SQL Server reports, handling sub reports and defining query for generating drill down reports using SSRS
* Maintaining existing reports, creating new reports according to business needs and integrating them in PerformancePoint Server
* Using global variables, expressions, and functions for reports
* Developing hands-on experience as an Informatica developer, proficient in designing, developing, and deploying ETL solutions using Informatica PowerCenter.
* Skilled in creating and managing complex ETL workflows, mappings, and transformations, leveraging Informatica PowerCenter to streamline data processing.
* Maintaining securities, roles and subscriptions in report manager in SSRS
* Designing SSAS cubes with slowly changing dimension, partitions, aggregation and KPIs
* Developing complex Crystal reports using custom SQLs and unions and creating sub query sections
* Writing complex T-SQL queries, views, triggers, functions, and stored procedure
* Migrating reports from Crystal Enterprise to SSRS
* Managing Tableau-driven dashboards and reports
* Creating SQL Server analysis projects using MS SQL Server
* Creating complex SSIS and DTS packages for ETL purposes
* Implementing complicated transformations to be used in SSIS packages.
* Using tools such as Bulk Copy (BCP) and Data Transformation Services (DTS)
* Managing database installation, configuration, maintenance, monitoring, backups, and recoveries; and developing stored procedures and triggers
* Use of SQL Server and T-SQL in constructing triggers, tables, user functions, views, indexes, user profiles, relational database models, data dictionaries, data integrity, SQL Joins, and query writing
* All phases of software development life cycle (SDLC)
* Reverse and forward engineering; logical and physical models; and dimensional modeling

**Career Overview**

Optum Inc Sep 2020 – May 2023

Dallas TX.

SQL SSIS / POWER BI Developer

* Created and designed SSIS packages. Created partitions, KPIs, calculated members, schema and file groups for fact tables and cubes integrating SSAS. Created scripts to migrate SQL server object from one environment to another.
* Developed complex SQL queries with Joins and T-SQL, Stored procedure, Views, Trigger based on business requirement to implement business rules and transformations. Developed and provided weekly, monthly, yearly quality control reports for work orders, service requests etc. based on requirements.
* Used different transformation controls such as look up, conditional split, data conversion, unpivot, audit, aggregation, merge, merge join, union all, multicast, sort, OLE DB command, etc. Used event-handing to send e-mail on error events at time of transformation. Used login feature for analysis purposes. Used SQL Server profiler to capture and store execution plan, creating necessary indexes.
* Added intelligent system in SSIS to identify actual change and new change in dimension.
* Design SSRS and excel reports, expense analysis, and balance sheet analysis. Designed ETL process using SSIS to extract data from flat files, excel files and SQL server database.
* Deployed reports onto production report server through various ways.
* Contributed to delivering logical/physical data model (Dimensional & Relational) concepts like Star-Schema Modeling, Snowflake Schema Modeling.
* Worked in Dimension Data modeling concepts like Star Join Schema Modeling, Snow-Flake Modeling, Physical and Logical Data Modeling.
* Worked on managing Tableau driven dashboards and reports. Worked on migration of SSIS 2008 packages to SSIS 2012. Worked on different kinds of reports such as parameterized, linked and drill-through reports.
* Prepared data mapping for all migrated jobs using SSIS. Developed SSIS packages to perform data loads from various types of sources files (Excel, Access, flat files).
* Managing complex ETL workflows, mappings, and transformations, leveraging Informatica PowerCenter to streamline data processing.
* Set up SQL Profiler to trace various database activities, application responses and their performance to tune them.
* Configured the logic apps to handle email notification to the end users and key shareholders with the help of web services activity; create dynamic pipeline to handle multiple source extracting to multiple targets; extensively used azure key vaults to configure the connections in linked services.
* List the AWS services you are familiar with and have experience using, such as EC2, S3, RDS, Lambda, etc. Be sure to mention any experience you have with AWS data migration tools, such as AWS Database Migration Service (DMS) or AWS Schema Conversion Tool (SCT).
* Highlight your experience in implementing AWS security best practices and compliance standards, such as SOC 2, PCI DSS, and HIPAA.
* Describe how you have leveraged AWS services to build scalable architectures, auto-scaling groups, and load balancing solutions.
* Configured and implemented the Azure Data Factory Triggers and scheduled the Pipelines; monitored the scheduled Azure Data Factory pipelines and configured the alerts to get notification of failure pipelines.
* Deployed the codes to multiple environments with the help of CI/CD process and worked on code defects during the SIT and UAT testing and provide support to data loads for testing; Implemented reusable components to reduce manual interventions.
* Involved in Unit Testing and prepared Test Case & Resolving if any issues in transformations and mappings with help of Technical Specifications. • Created Linked Services for multiple source system (i.e., Oracle, SQL Server, Teradata, Vertica, ADLS, BLOB, File Storage and Table Storage)
* Created Pipeline’s to extract data from on premises source systems to azure cloud data lake storage; Extensively worked on copy activities and implemented the copy behavior’s such as flatten hierarchy, preserve hierarchy and Merge hierarchy; Implemented Error Handling concept through copy activity.
* Exposure on Azure Data Factory activities such as Lookups, Stored procedures, if condition, for each, Set Variable, Append Variable, Get Metadata, Filter and wait
* Configured and implemented the Azure Data Factory Triggers and scheduled the Pipelines; monitored the scheduled Azure Data Factory pipelines and configured the alerts to get notification of failure pipelines.
* Used Microsoft Power BI Power Query to extract data from external sources and modify data to certain format as required in Excel and created SSIS packages to load excel sheets from PC to database.
* Worked on Power BI and prepared dashboards using Tableau to make it more attractive.
* Experienced in Data visualization and Data analyzation using Power BI.
* Installed On premise data gateway and scheduled daily data refresh in Power BI.
* Created Calculated Columns and Measures in Power BI and Excel depending on the requirement using DAX queries.
* Experience with Developing Bar Chart, Pie Charts, Tree Map, Scatter Plot, Bubble Chart, Line Chart etc. using Power BI Desktop.
* Identified, tested, and resolved database performance issues (monitoring and tuning) to ensure database optimization.
* Experience with Squirrel SQL client to connect to Data Source.
* Experience with Connecting to Oracle and DB2 to use as Data Source
* Experience with writing Complex PL/SQL Queries to retrieve Data from Oracle source.
* Experience with writing PL/SQL views Stored Proc Function.
* Created/Updated database objects like tables, views, stored procedures, function, packages.
* Involved in designing, developing, and testing of the ETL (Extract, Transformation and Load) strategy to populate the insurance data from various source systems feeds using SSIS.
* Administrate AWS console to take Backups of servers, Databases and creating and security groups etc.
* Good experience in Power BI (desktop), Power BI Pro (Services)
* Expert in creating and developing Power BI Dashboards into rich look.
* Used various sources to pull data into (Live connection/Direct Query) Power BI such as SSAS/SQL Serveretc.
* Converted Tableau report to Power BI report/dashboard.
* Worked on all kind of reports such as Yearly, Quarterly, Monthly for SG&A (FP&A/Cost Owner), Accounts Payable, Sales TSR (Territory Sales Representative), Fulfillment & Fill Rate Dashboard etc.
* Created calculated columns, Measures, Calculation Group (through Tabular model) in power bi desktop to show good data analysis techniques.
* Good experience in writing DAX.
* Implemented the RLS to the report to restrict the data as per the business rule.
* Performed optimization to report to improve the performance.
* Created Workspace and Apps for business users to view the developed reports.
* Scheduled Automatic refresh and scheduling refresh in power bi service.
* Participating in project planning sessions with project managers, business analysts and team members to analyze business requirements and outline the proposed solution.
* Every week a presentation to the business users about the reports and their changes as required.
* Delivered BI reporting solutions using Power BI.
* Worked on small- and large-scale projects, believe in teamwork. Have delivered as a team member, team lead and as independent consultant.

Wells Fargo Jan 2018 – Sep 2020

San Antonio TX.

**MS SQL Server/BI Developer**

* Gathered business requirements for SDLC process, and designed data maps and data models. Created functional design documents and transaction definition documents.
* Involved in relational data modeling for creating logical and physical design of database and ER diagrams using multiple data modeling tools.
* Analyzed and developed business critical dashboards based on client requirement and module lead of market dashboard, guiding team effectively to exceed customer expectations.
* Increased effectiveness of executive KPI deck by incorporating graphic representation of data and trends.
* Developed high level design of ETL package in VS 2015/13/12 for integrating data from heterogeneous sources (Excel, CSV, Oracle, flat file, text format data) using SSIS. Developed several reports with consistent drilldown functionality such as drilldown, summary, parameterized and master detail reports for management using SSRS.
* Managed OLAP cube design, storage estimations, OLAP performance issues, OLAP database maintenance, OLAP security issues and OLAP server maintenance, including archiving and restoring with in cluster servers, SSIS package development, and extraction data from various types of files (which includes flat files).
* Worked with report manager, report builder, reporting security and reporting services configuration manager.
* Delivered data management and BI capabilities, including data warehouse, data marts in MSBI for sales, demand and supply, inventory, production and bottling operations to provide timely, accurate and self-service performance measures that facilitated business decisions.

*Environment*: SQL Server 2016/2012, Oracle JDE ERP, C#, Visual Studio 2015/2013, SSMS 17.X, SSIS, Reporting Services (SSRS 2016/2014), Teradata, Business Intelligence Development Studio (BIDS), TFS 2015, MS Office 2016, DAX, Power BI

Tech Mahindra May 2010 – Dec 2017

Mumbai India.

**MS SQL Server Developer**

* Gathered requirements by interacting heavily with business users and multiple technical teams to design workflows for new functional pieces. Implemented indexes on tables for optimum performance.
* Handled performance tuning of stored procedures and functions to optimize query for better performance. Used SQL Joins, sub queries, tracing, and performance tuning for better running of queries.
* Transformed complex business logic into database design, maintaining it by using SQL objects, stored procedures, user defined functions, views, TSQL scripting and jobs.
* Created sub, parameterized and drilldown reports based on requirements provided using SSRS. Created various SSRS reports such as chart diagrams and multivalued, parameterized, linked and tabular matrix reports.
* Worked on COSMOS Workgroup Feed Import, enabling automated feed to update tables from COSMOS Data.
* Extracted data from Oracle, Teradata, Vertica, and flat files sources.
* Scheduled SSRS reports for end users and managed security reports. Exported SSRS reports to various formats such as PDF, Word, and Excel; and scheduled reports to send as email body.
* Interacted with clients to gather requirements and assist with immediate workarounds for issues in application.

*Environment*: MS SQL Server 2012, Teradata, Hive, Vertica, Power BI, MicroStrategy, SSRS, DTS, TSQL, Oracle 10g, PL/SQL, TOAD, Mainframes, C#. NET, VB.NET, Windows Sever, SQL Server Management Studio, SQL Profiler, Query Analyzer, Erwin 7.0

**Additional Experience**

**SQL Server/BI Developer**, BICA Jan 2010 – May 2010

**MS SQL Server Developer**, INFOTECH (India)

Internship

**Technical Skills**

**Databases**: MS SQL Server 2016/2014/2012, Teradata, Vertica, Oracle 8i/9i, 10g, 11g, MS Access

**ETL Tools**: Data Transformation Services (DTS), SQL Server Integration Services (SSIS), Informatica

**Analysis Tools**: SQL Server Analysis Services (SSAS)

**Database Tools**: SQL Server Management Studio, Business Intelligence Development Studio, SQL Profiler, SQL Query Analyzer, Teradata, Index Analyzer, DTS Import/Export, Backup Server, Replication Server, SQL Agents, SQL Alerts, SQL Jobs, Bulk Insert, BCP

**Languages**: Transact SQL (TSQL), PL/SQL, C, C++, Java, C#, ASP.Net, VB Script

**DB Modeling Tools**: MS Visio, Rational Rose, Erwin 4.0, Visual Paradigm for UM L

**Reporting Tools**: SQL Server Reporting Services (SSRS), Power BI, Tableau, MicroStrategy

**Education**

**Bachelor of Technology**, Mumbai University (India) 2010