**SREE G**

**SQL BI Developer**

**510-462-3303**

**Professional Summary:**

* 8**+** years of Experience in **Data Warehousing** and **Business Intelligence** applications **design**, **development,** and **Maintenance** of **Integration Services** (**SSIS**), SQL Server **Reporting Services** (**SSRS**), SQL Server **Analytical Services** (**SSAS**)**.**
* Experience in **data analysis**, **design** and **development of databases** for business applications in a client/server and data warehouse environments in **SQL 2016/2014/2012/2008.**
* Expertise in all areas of **SQL Server** development including **tables**, **user functions**, **views**, **indexes**, **Stored procedures**, **functions**, **triggers**, **clustering**, **T-SQL**, relational database models, **data dictionaries**, and **data integrity.**
* Well versed in **normalization/de-normalization** techniques for optimum performance in relational and dimensional database environments and building **Referential Integrity Constraints**.
* Good knowledge in **RDBMS** concepts, Data warehousing concepts, **OLTP & OLAP**.
* Expertise in MS SQL Server databases with tools like **IndexTuningWizard**, **SQLProfiler**, and **Windows Performance Monitor** for optimal Performance.
* Experience in Interacting with Business users to analyze the **business process** and **transforming requirements into screens**, performing **ETL**, **documenting** and rolling out the deliverables.
* Expertise in **Extract Transform Load (ETL)** and Data Transformation Services (DTS).
* Strong Experience in **Creating**, **Configuring**, **Deploying** and **Testing SSIS Packages**.
* Expertise in **Extraction**, **Transformation**, **loading** data from **Oracle**, **DB2**, **SQL Server**, Access, Excel, Flat Files and XML using DTS, SSIS.
* Experience in working Data Migration using SQL, **SQL Azure**, Azure storage, Azure Data Lakes, Azure Data Factory, SSIS and PowerShell.
* Created Pipelines in ADF using Linked Services/Datasets/Pipeline/to Extract, Transform and load data from different sources like Azure SQL, Blob storage, Azure SQL Data warehouse and backwards.
* Great Expertise in creating and managing **Event Handlers**, Package **Configurations, Logging, System** and **User-defined Variables** for **SSIS** Packages.
* Expertise in **Debugging, Error logging, Error Handling** and **Production support** for **SSIS**.
* Experience in data migration (using tools like **Bulk Insert**, **DTEXEC** and **DTEXECUI**) between different homogeneous/heterogeneous systems and SQL Server.
* Good Knowledge in creating SQL server Reports using **SSRS**.
* Expertise in creating **Report Models** for building **Ad hoc** reports using **SSRS**.
* Proficiency in creating diverse types of reports such as **Crosstabs, Conditional, Pie Chart Reports, Drill-down, Top N, Summary and Sub reports** and formatting them.
* Expert in handling **parameterized reports** and **Cascade Parameterized Reports** in SSRS.
* Knowledge and experience in designing, developing and deploying Reports and **Dashboards**.
* Experience in **Dimensional Modeling, ER Modeling, Star Schema / Snowflake Schema, FACT and Dimensional tables and Operational Data Store** (ODS).
* Expertise in **SQL Server Analysis Services (SSAS) CUBE** design, development and deploying.
* Migrated and recreated existing Dimensions and Cubes using Star schema on 2005 Server to achieve the efficiency of **SQL Server Analysis Services** (**SSAS**).
* Good **understanding** and **designing** of **Star** and **Snow Flake** data models Schema used in **relational**, **dimensional** and **multidimensional data modeling**.
* Experience in Creating, Modifying **Measures**, **Dimensions Attribute relationships** and **Hierarchies**.
* Experience on performing **Data loads** to **Dimension**, **Fact tables**, **Data warehouse**, **Data marts**, and **OLAP cubes**.
* Knowledge in **MDX** to create **Named Sets, Named Members, Calculated Members** and other calculations.
* Experience in managing **Alerts, Operators** and Scheduled **Jobs** through **SQL Server Agent**.
* Experience in **code optimization** and improving efficiency in databases including **re-Indexing, updating statistics**, Recompiling Stored Procedures and performing other maintenance tasks.
* Experience in Implementation, Development, Testing and Support on **BODS**.
* Well versed with BODS Designer Components like Jobs, Workflows, Data Flows, File Formats, Data stores and Scripts.
* Good team player, strong interpersonal and communication skills combined with self-motivation, initiative and the ability to think outside the box

**Educational Qualification**

Bachelor’s in Computer Science Engineering, JNTU, Hyderabad, India

**Technical Skills**:

|  |  |
| --- | --- |
| Databases/Cloud | MS SQL Server 2016/2014/2012/2008, Azure, ORACLE, MS Access. |
| SQL Server Tools | SSMS, Configuration Manager, Enterprise Manager, Query Analyzer Profiler, **DTS, SSIS, SSAS, SSRS**, Database Tuning Advisor, Cognos 10 BI tools (Report Studio, Analysis Studio, Query Studio, Cognos Connection), SQL\* Plus. |
| ETL-Tools | DTS, SQL Server Integration Services (SSIS). |
| Reporting Tools | SQL Server Reporting services (SSRS), PowerBI |
| RDBMS | SQL Server 2012/2014/2016, Oracle 11g/10/9i. |
| Programming | T-SQL, PL/SQL, Dynamic SQL, DAX, C# .NET, XML, Java, Hive. |
| Operating Systems | Windows 7/Vista/XP/2008/2003, Windows 10, UNIX. |

**FarmerMac, Remote Apr’2023 – Till Date**

**SQL/Data Developer**

**Roles and responsibilities:**

* Proficient in ETL processes using **SSIS** for seamless data **extraction**, **transformation**, and **loading**.
* Successfully created **ETL packages** from scratch, encompassing data extraction, transformation, and loading processes, demonstrating **end-to-end proficiency** in ETL development using **SSIS**.
* **Developed and maintained** SSIS packages to automate data workflows, **reducing manual intervention** and improving **data accuracy**.
* Expertise in **securely transferrin**g data to clients through **SFTP** for data privacy and compliance.
* Developed and optimized **SQL stored procedures** to facilitate data transformations.
* Utilized SSIS to develop **mappings**, incorporating **Aggregate transformations** to align with specific business requirements.
* Used **For-Each Loop Containe**r, **Sequence Container, Script task, Expressions, Execute SQL task, Variables, Send Mail Task, Package Execution task** to achieve business needs.
* Created and scheduled **SQL Server Agent jobs** to run the ETL packages and Dynamic ETL stored procs.
* Implemented **custom date logi**c within the **file generation process** to meet specific requirements
* Developed and tested complex **Stored Procedures, Triggers, Functions, Indexes, Tables, Views, and other T-SQL** code, utilizing SQL **joins** to support application functionality.
* Implemented **data validation** and **error handling** mechanisms in SSIS packages to maintain **data quality** and **reliability**.
* Collaborated with cross-functional teams, including database administrators, developers, and analysts, to deliver data solutions that meet project goals.
* Implemented **data quality checks** and validation processes in ETL pipelines.
* Identified and resolved performance bottlenecks, improving data processing speed.
* Created comprehensive documentation for ETL processes.
* Ensured adherence to **data governance policies and best practices**.
* Collaborated effectively with cross-functional teams to meet business objectives and deadlines.

**Environment:** Azure,MS SQL Server 2018/2016/2014, MS SSIS 2017, Excel, Visual Studio 2017/2012, Sharepoint, Servicenow.

**Perr & Knight, Remote Apr’2022 – Apr’2023**

**SQL Developer**

**Roles and responsibilities:**

* Workedon implementation of **ETL** process and data flow to migrate the data from source through destination, including data quality and unit testing using **SQL Server Integration Services.**
* Implemented changes to existing **T-SQL** **code and stored procedures** for **performance** improvements.
* Working as a developer in creating and testing complex Stored Procedures, **Triggers**, **Functions**, **Indexes**, **Tables**, **Views** and other **T-SQL** code and SQL joins for applications.
* Creating Grouping, sorting columns and writing expressions according to the business requirements.
* Working on performance tuning of **Views**, **CTE’s**, **stored** **procedures**.
* Creating and modifying various Stored Procedures used in the application using **T-SQL.**
* Design **ETL packages** dealing with different data sources (**SQL Server, Flat Files, and XMLs** etc.) and loaded the data into target data sources by performing various kinds of transformations using **SQL Server Integration Services (SSIS).**
* Developing new mappings using **SSIS** **Look Up**/**Aggregation transformations** to match the needs of the business case.
* Experience in SQL joins, sub queries, tracing, indexing strategies and query/index tuning and performance tuning for better running of queries.
* Moving **CSV files from Azure blob to Azure SQL Server**
* Debugging Queries, Error Logging, Error Handling and Production Support for SSIS.
* Scripting T-SQL Queries, Stored Procedures, Triggers, and user defined functions.
* Performing data analysis and data validation by writing complex T-SQL queries.
* Using **Sequence Container, Script task, Expressions, Execute SQL task, Variables, Send Mail Task, Package Execution task** to achieve business needs.
* Developing and testing the SSIS packages by deploying them to local sandbox environment.
* Develop **functions** to extract data from stage layer.
* Creating and scheduling **SQL Server Agent jobs** to run the ETL packages and Dynamic ETL stored procs.
* Perform application and database code production pushes, following production release procedures.
* Generate extract file and upload to Share point for stat analyst review
* Interact with business users for any clarifications on business requirements
* Using **Bit bucket** as code repository/version control

**Environment:** Azure,MS SQL Server 2018/2016/2014, MS SSIS 2017, Excel, Visual Studio 2017/2012, JIRA, Share point, Bitbucket.

**Wells Fargo, Charlotte, NC May’2020 – Apr’2022**

**SQL / Datawarehouse Developer**

**Roles and responsibilities:**

* **Design, implement, deploy,** and maintain the **ETL** process and data flow, including data quality and unit testing using **SQL Server Integration Services.**
* Review, recommend and implement changes to existing **T-SQL** **code and stored procedures** for **performance** improvements.
* Creating **Data Lineage** documents for support.
* **Deploying, Scheduling Jobs, Alerting** and Maintaining SSIS packages.
* Implement Transactions and **XML configuration** files to **SSIS Packages** and in Performance Tuning in SSIS packages by using Row Transformations, Block and Unblock Transformations.
* Create/ Update the **Jill scripts** to schedule jobs in **Autosys**.
* **Design** and **Develop** dashboards using Tableau as a reporting tool.
* Working in **Agile environment** where tickets are assigned and tracked via **JIRA.**
* Working on **Views, CTE’s, schemas**, permissions, and performance issues with client/server database designs
* Extensively worked on **performance tuning** of the ETL process and SQL optimization on a large database.
* Communicate with Business users to gather requirements for dashboards.
* Automating Tasks via scripts for **optimum efficiency**.
* Perform troubleshooting and correction of **data discrepancies** between various systems to ensure high **data quality and integrity**.
* Collaborate with architect and team lead in implementing large scale Data warehouse and **Performance optimization**.
* Designing and Deployment of Reports for the End-User requests using SSRS.
* Monitoring the scheduled jobs in both UAT and Prod and fix the issues or report the issue.
* Analyze complex requirements and translate to technical design and specifications.
* Working with scrum master lead on understanding problem and identifying possible solutions.
* Utilize a thorough understanding of available technology, tools, and existing designs to source, map, extract, and load large volumes of data.
* Participated in **Implementation plans** for every release.

**Environment:** MS SQL Server 2017/2016/2014, MS SSIS 2017, SSRS 2017, Excel, Visual Studio 2017/2012, , TFS-GIT, Autosys, JIRA, Confluence.

**US Bank, Charlotte, NC Aug’2019 – May ‘2020**

**BI Developer**

**Roles and responsibilities:**

* Involved in **migrating data** from Source (Object Charlie) to target (Wall street) application.
* Created **Fixed length files** for the **API document** provided by business and referring to static data mapping document.
* Worked on creating and testing complex **Stored Procedures**, **Tables, Views** and other **PL-SQL** code using joins for applications.
* Worked on performance tuning of **Views, CTE’s, stored procedures**.
* Implemented SSIS Packages to extract, transfer, load (ETL) existing data into On-premise SQL Server from different sources like **Oracle, Excel, etc.,**
* Created **SSIS** process flow for migrating data from **Source to target** application with Hop1,2,3 mechanism.
* Experience in providing recommendations on existing server and database level BI architecture using best practices and knowledge of **business requirements**.
* Hands on in reviewing, recommend and implement changes to existing T-SQL code and stored procedures for performance improvements
* Worked on Data Migration using SQL, **SQL Azure**, Azure storage, Azure Data Lakes, Azure Data Factory, SSIS and PowerShell.
* Created **Jill Scripts** to schedule Jobs through **Autosys**.
* Worked with **Change data capture (CDC)** to insert, update, and delete records activity that is applied to a SQL Server table.
* Maintain the history of tables after the **CDC** applied to refer or verify in future
* Involved in resolving SQL Server database-related incidents. Diagnoses database-related issues (e.g., database outages, application performance, integrity etc.)
* Created and modified the store procedures and views for the **Change data capture (CDC).**
* Worked in reviewing the test results with business, complete final program documentation, and obtain approval for changes and **Analyze** and document how the business requirements fit into existing system.
* Written queries for the **drill down reports** and deployed reports on to the server using **MS SQL Server Reporting Services (SSRS).**
* Used **For-Each Loop Container, Sequence Container, Script task, Expressions, Execute SQL task, Variables, Send Mail Task, Package Execution task** to achieve business needs.
* Managed the **reporting server** after deploying the reports also provided the roles to let business access only specific reports.
* Worked on creating dependencies of activities in **Azure Data factory**
* Building, publishing customized interactive reports and dashboards, report scheduling using **SSRS** 2017.
* Involved in loading Data to different environments using **Putty (Linux).**
* Verified the data loaded and created **recon reports** according to the data pushed.
* Involved in updating and creating the stored Procedures and views with the necessary updates from business.
* Worked closely with the ETL Architect to develop and update the task plan for ETL work and to keep the Product Owner/Project Manager aware of any critical task issues and dependencies on other teams.
* Tested Scheduled jobs through **Autosys**.
* Responsible for efficient and effective written and verbal communication skills, including the ability to communicate with non-technical business teams as well as internal and external technical staff.
* Performed in Deploying, Scheduling Jobs, Alerting and Maintaining SSIS packages
* Involved in Implementing and managing Event Handlers, Package Configurations, Logging, System and User-defined Variables, Check Points and Expressions for SSIS Packages.
* Responsible for **Debugging Queries, Error Logging,** **Error Handling and Production Support** for SSIS.
* Involved in planning and coordinate data migrations between systems.
* Created reports using SSRS, reports include execution times for SSIS packages failure reports with error description.
* Performed troubleshooting and correction of data discrepancies between various systems to ensure high data quality and integrity
* Understanding source to target documents created by analysts, making sure data types are valid on source to target conversion
* Created reports and involved in designing and Deployment of Reports (SSRS) for the End-User requests using **Web Interface & SSRS**.
* Implementing transactions and XML configuration files to SSIS Packages and in Performance Tuning in SSIS packages by using Row Transformations, Block and Unblock Transformations.
* Creating SQL Server Reports and developed query for generating drill down and drill through reports using SSRS.
* Used **GitLab** for Version Control.
* Worked in Agile Environment where stories and backlogs are tracked in **VersionOne**.

**Environment:** MSSQLServer2016/2014, MS SSIS 2017, SSRS 2017, Excel, Visual Studio 2017/2012, Azure, Version-one, Gitlab, Share-point.

**Affordable Care, Morrisville, NC Oct ‘2018 – Aug’2019**

**Database Engineer**

**Roles and responsibilities:**

* Development and maintenance of the database **stored procedures**, **views** and **ETL.**
* Integration and maintenance of **Data Warehouse**.
* Plan and coordinate data migrations between systems.
* Developed, implemented, and maintained change control and testing processes for modifications to databases.
* Implemented **dashboards** using Tableau.
* Performed troubleshooting and correction of data discrepancies between various systems to ensure high data **quality** **and Integrity**.
* Manage recurring data transfers between **clinical and financial** systems.
* Performed ad hoc application and system troubleshooting activities as needed.
* Performed data profiling activities to play around with existing data in cubes and marts which helps in familiarizing existing data
* Creating and scheduling **Reports** through different report applications such as Business objects, Crystal and SSRS (MSBI reporting services) reports according to the client requirement.
* Understanding **source to target** documents created by analysts, making sure data types are valid on source to target conversion
* Migrated SQL **stored procs** and **views** to new Enterprise Data Warehouse.
* Created **PowerBI** Dashboards (PowerView, PowerQuery, PowerPivot & PowerMaps) and Integrated them to sharepoint.
* Used **Snowflake** schema for creating Cubes for SSAS.
* Migrated existing reports to **PowerBI.**
* Created **ETL** mappings and workflows in **SSIS** as per the designed new **ETL architecture**.
* Created ruby scripts to import/export flat files from external servers if required.
* Built different visualizations and reports in tableau using **Snowflake** data.
* Scheduled ESP/EFTS job schedulers as per the new design.
* Developing Visualization dashboards using **PowerBI** with analysis views of **Drill down** options using slicers and various charts like Bar line, Scatter, Donut, Map and so on.
* Created jobs for report refreshes in SSRS and Tableau.
* Implemented the jobs in such a way that reports will be refreshed as and when marts are updated with ETL so that data will be at the latest.
* Created ETL mappings to avoid overwrite **SQL queries** which will help in optimizing the process.
* Optimizing Database for better performance by using techniques such as **Indexing**.
* Fine tuning SQL queries, Store procedures to meet the new requirements whenever there is an inhouse architecture update.
* **Creating Multiple Data Sets**in**Azure** worked in migration of **SQL Server 2008/2012/2014 to SQL Server 2017.**
* Recreated existing SQL Server objects in **snowflake**.
* **DAX** operations were used to create **custom calculations** in **power pivot** for Microsoft Excel workbooks and analysis services tabular data warehousing.
* Set up archival process to save memory also which helps in better performance of databases.
* Schedule one on one demo sessions with Business/Vendors to knowledge transfer functionalities of the reports.
* Working on writing calculations using **DAX** to generate the reports.
* Develop error handling mechanisms to handle **unforeseen scenarios**
* Using ticketing tool called Service Bucket as a reference to check the percentage of tasks performed as per the timeline.

**Environment:** MSSQLServer2016/2014, MS SSIS 2017, SSRS 2017, SSAS, Power BI, PowerShell, Excel, Visual Studio 2017/2012, DAX, Tabular Cubes, Tableau, Snowflakes Service Desk.

**Vizient Inc, Dallas, TX    May’2017 – Sep’2018**

**BI Developer**

**Roles and Responsibilities:**

* Responsible for **gathering/refining requirements** from the customer for developing reports.
* Worked on Software life cycle development **(SDLC)** involving in all stages of development.
* Worked as a developer in creating complex Stored Procedures, **Triggers**, **Functions**, **Indexes**, **Tables**, **Views** and other **T-SQL** code and SQL joins for applications.
* Created **Grouping**, **sorting** columns and writing expressions according to the business requirements.
* Transferred the data using **SSIS packages.**
* Used SQL Server 2012 tools like SQL Server Management Studio, SQL Server Profiler, and SQL Server Visual Studio.
* Worked on **Views, cursors, CTE’s, schemas,**permissions and performance issues with client/server database design.s
* Worked in **Extracting, Transforming** and **Loading (ETL)** data from Sybase database to **MS SQL Server** byusing **SSIS**.
* Used **SSIS** to create **ETL** packages to validate, extract, transform and load data to **Data Warehouse** databases.
* Created **PowerBI** Dashboards (Power View, Power Query, Power Pivot, Power Maps) and integrated them to share point.
* DAX operations were used to create custom calculations in Power Pivot for Microsoft Excel workbooks and Analysis Services Tabular data warehousing.
* Used **star** and **snowflake** schema in designing cubes for creating SSAS packages.
* Created shared **dimension tables, measures, hierarchies, levels, cubes and aggregations on MS OLAP/ Analysis Server (SSAS).**
* Involved in **TabularDatawarehouse** and **DAX** operations for SSAS 2012 and 2008 OLAP databases.
* Created bottom count, top count, cross join, non-ascendants and log MDX queries for creating Calculations and KPI’s on a cube.
* Worked on PowerShell scripting for task automation and configuration management.
* Implemented cell level security in cubes using **MDX** expressions to restrict users of one region seeing data of another region using SSAS.
* Designed **SSIS** Packages to extract, transfer, load (ETL) existing data into SQL Server from different environments for the **SSAS** cubes.
* Experience in Installation, Configuration and administration of **Tableau** Server in a multi-server and multi-tier environment.
* Developed Multi-Dimensional Objects (Cubes, Dimensions) using SQL Server Analysis Services (SSAS).
* Performed database transfers and queries **tune-up, integrity** verification, **data cleansing, analysis** and **interpretation**. Developed, monitored and deployed **SSIS packages.**
* Supported development of Access applications for product management group, involving analysis, design, coding, and testing of components.
* Migrated old data from MS Access and Excel into **SQL Server 2016** using **SSIS** Packages in **Business Intelligence Development Studio.**
* Extensively worked with **SSIS** tool suite, designed and created mappings using various SSIS transformations like OLEDB Command**, Conditional Split**, **Lookup**, **Aggregator, Multicast** and **Lookup**.
* Used **SSIS to** create **ETL** packages to validate, extract, transform and load data to **Data Warehouse** databases.
* Created **SSIS** packages to Export data from text file to **SQL Server Database**.
* Implemented **SSIS** data transformation scripts, created maintenance procedures and provided data integrity strategies.
* Administered and enhanced **SQL** Server Integration Services **(SSIS)** data loads.
* Created Rich dashboards using **Tableau** Dashboard and prepared user stories to create compelling dashboards to deliver actionable insights.
* Created SQL Server Reports and developed query for generating **drill down and drill through reports** using **SSRS.**
* Generated Reports using Global Variables, Expressions and Functions for the reports.
* Identified and worked with Parameters for **parameterized reports** in **SSRS.**
* Used SSRS to **create reports, customized Reports, on-demand reports, ad-hoc reports** and involved in analyzing multi-dimensional reports in SSRS.
* Reviewed and revised client privacy and security policies to ensure they comply with **HIPAA** standards.
* Install, configure and maintain Power BI Report Server for a client/server environment on Windows.
* Create / Manage On-premises Gateway (Enterprise) to accommodate needs of users to distribute reports/dashboards in the BI workspace**.**
* Create and implement **HIPAA compliance** program to maintain and exceed **HIPAA** compliance standards**.**
* Formulated new processes to meet requirement for Incomplete Medical Records.
* Installed and configured Enterprise gateway and Personal gateway in Power bi service.
* Worked on converting and migrating the **SAP BusinessObjects** from legacy version to new 4.x
* Implemented SAP **BusinessObjects** in Distributed and Clustered environments
* Developed various Jobs, Workflows, Data Flows and Transformations for migration of data using **BODS** Designer.
* Created complex reports and simple reports as per the requirements and by considering the best practice methods
* Building, publishing customized interactive reports and dashboards, report scheduling using **Tableau** server.
* Involved as **SAP BODS** ETL Developer in End-to-End Data Warehouse implementation project.
* Mentored and supported staff to ensure achievement of operational goals for the organization
* Created **extracts**, published **data sources** to tableau server, refreshed extract in Tableau server from **Tableau** Desktop.
* Responsible for scheduling the **subscription reports** with the subscription report wizard.
* Implemented and enhanced existing reports like **Group By, Drilldown, Drill Through, Sub-Reports, List, Tabular, Matrix, Navigation Reports, Standard Parameter, Cascading Parameter** and **Multivalve Parameters.**
* **Deployed** the generated reports directly on the client’s workstation.
* Gathered the requirements from Business on several occasions with divisions across the multiple LOB's
* Managed index, statistics and **optimizing queries** by using execution plan for tuning the database.
* Maintained the physical database by monitoring performance, integrity and optimize SQL queries for maximum efficiency using **SQL Profiler.**

**Environment:** MS SQL Server 2016/2014Enterprise Edition, MS SQL Server Reporting Services 2015,SSIS 2015, SSAS, Power BI, PowerShell, Visual Studio 2012, Windows Server 2007, Tableau.

**State Farm, Bloomington, IL Jan’2016– Apr’ 2017**

**MSBI Developer**

**Roles and Responsibilities:**

* Created complex **stored procedures**, **Triggers** and user defined functions using complex joins and T-SQL for supporting both OLTP Application and Enterprise Data warehouse.
* Experience with stored procedure driven reports, building custom application on reports, formula writing/editing in reports, Report Administration and performance tuning of reports.
* Successfully migrated data between different heterogeneous sources such as flat file, Excel and **SQL Server** 2016 using **SSIS**.
* Used Query Analyzer to optimize SQL Queries.
* Developed data Mappings between source systems and warehouse components
* Performance testing on Store procedures, Indexes.
* Created **Power BI** Dashboards and integrated them to share point.
* Analyzing and Visualizing Data with Power BI
* Experienced with Power BI installation, administration, development using different data sources.
* DAX operations were used to create custom calculations in Power Pivot for Microsoft Excel workbooks and Analysis Services Tabular data warehousing.
* Provided security for power bi data sets in power bi service among organizational content pack.
* Involved in designing and publishing visually rich and intuitive Power BI dashboards.
* Used **star** schema in designing cubes for creating SSAS packages.
* Created shared dimension **tables, measures, hierarchies, levels, cubes and aggregations on MS OLAP/ Analysis Server (SSAS).**
* Involved in **Tabular** Data warehouse and **DAX** operations for SSAS**.**
* Developed Multi-Dimensional Objects (Cubes, Dimensions) using SQL Server Analysis Services (SSAS).
* Created SQL Server Reports and developed query for generating **drill down** and **drill through** reports using **SSRS**.
* Generated Reports using Global Variables, Expressions and Functions for the reports.
* Identified and worked with Parameters for **parameterized reports** in SSRS 2012.
* Used SSRS to **create reports**, **customized Reports, on-demand reports, ad-hoc reports** and involved in analyzing multi-dimensional reports in SSRS.
* Generated periodic reports based on the statistical analysis of the data from various time frame and division using Power BI.
* Used windows Power Shell Script to automate application deployment process.
* Built **Strategic, Analytical** and operational dashboards using **Tableau**.
* Building, publishing customized interactive reports and dashboards, report scheduling using SSRS 2016.
* Responsible for scheduling the **subscription reports** with the subscription report wizard.
* **Deployed** the generated reports directly on the client’s workstation.
* Created views in **Tableau** Desktop that were published to internal team for review and further data analysis and customization using filters and actions.
* Combined **views** and **reports** into interactive dashboards in **Tableau** Desktop that were presented to Business Users, Program Managers, and End Users.
* Extensively worked with SSIS tool suite, designed and created mappings using various SSIS transformations like OLEDB Command, Conditional Split, Lookup, Aggregator, Multicast and Lookup.
* Created stored procedures and User Defined scalar Functions (UDFs) to be used in the **SSIS** packages and SQL scripts.
* Prototyped data visualizations using Charts, drill-down, parameterized controls using Tableau to highlight the value of analytics in Executive decision support control.‬‬‬‬‬‬‬
* Created and scheduled SSIS packages to pull data from SQL Server and exported to various data sources like Excel Spreadsheets, Flat File etc. and vice versa.
* Experience in development of extracting, transforming and loading (ETL), maintain and support the enterprise data warehouse system and corresponding marts.
* Involved in Dimensional modeling (Star Schema) of the Data warehouse and used Erwin to design the business.
* Extensively worked on performance tuning of the ETL process and SQL optimization on a large database.
* Worked on SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints
* Written queries for the drill down reports and deployed the generated reports on to the server using MS SQL Server Reporting Services (SSRS).
* Report writing based on tickets submitted from front end people using SQL Server Reporting Services (SSRS) and Power BI.
* Involved in Creating User Security and Roles in Reporting Services at both Parent Level and Report Level

**Environment:** SQL Server 2016/2014/2012, SSIS, SSRS, SSAS, T-SQL, Access, Excel, Visual Studio, Data Analyzer, Power BI TFS and Source Control, Tableau.

# **BMW, Woodcliff lake, NJ Mar’2015 – Dec’2015 MS SQL Server/SSIS/SSAS Developer**

**Responsibilities:**

* Created **SQL server Analysis** Projects using MS SQL Server 2012.
* Created the **Cubes** and **Dimensions.**
* Defined relationships between **Measure groups** and **Dimensions**.
* Defined granularity with in a **measure group** and drill through actions.
* Implemented the calculations to **aggregate physical measures**.
* Used **SSASMDX to extract data** from **cubes** and Created **MDX script for representing Cube Calculations.**
* Created **calculated fields** with MDX code to meet additional measures needs that are calculated from existing measures.
* Implemented **member properties, virtual dimension, dimension custom rollups, write back, action and drill through.**
* Created **partitions** (employed storage modes and usage-based optimization), **calculated members**, KPI's and perspectives to enhance the cube's utilization. Also used MDX to query them.
* Upgraded Analysis Service 2012 to SSAS 2014.
* Identified and Defined Key **Performance Indicators** in SSAS 2012.
* Maintained Security Role and Database Users.
* Developed SSIS project **for transferring the data**.
* Created **SSIS** Packages using **SSIS Designer** for **export heterogeneous data from OLE DBSource (Oracle), Excel Spreadsheet to SQL Server 2012.**
* Used **SSIS** to create **ETL packages** (.dtsx files) to validate, extract, transform and load data to data warehouse databases, data mart databases, and process SSAS cubes to store data to **OLAP databases**.
* Migrated **DTS 2000 packages** to **SQL Server Integration Services (SSIS)** and modified the packages accordingly using the advanced features of **SQL Server Integration Service**.
* Designed **ETL packages** dealing with different data sources (**SQL Server, Flat Files, and XMLs** etc.) and loaded the data into target data sources by performing various kinds of transformations using **SQL Server Integration Services (SSIS).**
* Developed new mappings using **SSIS Look Up**/**Aggregation transformations** to match the needs of the business case.
* Developed, deployed and monitored SSIS Packages including upgrading DTS to SSIS.
* Expert in calculating measures and dimension members using **multi-dimensional expression**

**(MDX),** mathematical formulas, and user-defined functions.

* Conceptualized and Designed Logical and Physical Data Models using ERWIN.
* Analyzed the project database requirements from the user.
* Defined **aggregations** required and granularity available and required in DW.
* Created various **Tables and Views.**
* Wrote complex **Stored Procedure, Queries, Triggers, Functions, Indexes, User-defined functions and Cursors** for application.
* Transformed the complex business logic and calculations into coding.

**Environment:** MS SQL Server 2012 Enterprise Edition, MS Analysis Services, Analysis Services 2000, MS Access, SSIS, Erwin 4.1, Windows XP Professional

**Bharti Airtel Telecom Group, Delhi, India Dec’2012-Dec’2014**

**SQL Developer**

**Roles and Responsibilities:**

* Efficiently helped in the **Software Development Life Cycle** (**SDLC**) processes including Analysis, Design, Programming, Testing and Documentation
* Responsible for MS SQL Server **Installation** and **configuration,** applied **service packs** and hot fix.
* Used **SQL Server Enterprise Manager and Query Analyzer** to administer SQL Server.
* Involved in creating **Databases, Tables, Cluster/Non-Cluster Index**, **Unique/Check Constraints, Rules and Defaults.**
* Wrote **User Defined Functions and Stored Procedures**, and defined **Roles** and **Privileges** to control access to database.
* Created **Triggers** to enforce data and referential integrity.
* Created **Constraints, Defaults, Views and Indexes**.
* Created **Triggers** to enforce data and **referential integrity**.
* Developed **Master/Detail Reports** and **Tabular reports** using **Crystal Reports**

**Environment:** SQL Server 2000, Windows NT 4.0, Crystal Reports 9.0.