**Venkata Nallapati**

Location: Dallas, TX| [**Venkata.Sqlmsbi@gmail.com**](mailto:Venkata.Sqlmsbi@gmail.com) |+1 (207) 314-6437

**Professional Summary**

* 9+ years of experience as Power BI / SQL developer supporting and developing SQL Server 2018/2016/2014/2012/ 2008R2/ 2008 system in OLTP and OLAP environment and using Microsoft Power BI to build and maintain the reports and dashboards.
* Implement several DAX functions for various fact calculations for efficient data visualization in Power BI.
* Utilize Power Query in Power BI to Pivot and Un-pivot the data model for data cleansing and data massaging.
* Created Power Automate flows to automate business processes.
* Established seamless data pipelines between Sage 500 and Power BI for real-time or scheduled updates, ensuring up-to-date information for decision-makers.
* Created custom visuals and calculated fields in Power BI to present Sage 500 data in a more comprehensible and actionable format.
* Develop solutions for SharePoint online, Power Apps and Power Automate.
* Use Power BI Desktop to develop data analysis multiple data sources to visualize the reports.
* Utilize Power BI gateway to keep dashboards and reports up to-date with on premise data sources.
* Schedule automatic refresh and scheduling refresh in Power BI service.
* Use SSIS to create ETL packages to Validate, Extract, Transform and Load data to Data Warehouse and Data Mart Databases.
* Experience working with Azure BLOB and Data Lake storage and loading data into Azure SQL Synapse analytics.
* Experience designing, configuring, and deploying Microsoft Azure for a multitude of applications utilizing the Azure Stack.

**Professional Experience**

**Client: Ameren Corporation, St. Louis, MO December 2019 - Present**

**Title: Sr. Power BI / SQL Developer**

* Use Microsoft Power BI to build and maintain the reports and dashboards.
* Use Power BI Desktop to develop data analysis multiple data sources to visualize the reports.
* Implement several DAX functions for various fact calculations for efficient data visualization in Power BI.
* Utilize Power BI gateway to keep dashboards and reports up to-date with on premise data sources.
* Schedule automatic refresh and scheduling refresh in Power BI service.
* Integrated Sage 500 data into Power BI using various methods such as direct database connections, OData feeds, and custom connectors.
* Performed data cleansing and transformation tasks on Sage 500 datasets to enhance data quality and usability in Power BI visualizations.
* Utilize Power Query in Power BI to Pivot and Un-pivot the data model for data cleansing and data massaging.
* Create Power Automate flows to automate business processes.
* Develop solutions for SharePoint online, Power Apps and Power Automate.
* Provide operational support for SharePoint online, OneDrive for business, power apps and Power Automate services.
* Design ETL packages dealing with different data sources (SQL Server, Flat Files) and load the data into target data sources by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Design, develop, and test ETL (Extract, Transformation and Load) strategy to populate the data from various source systems feeds using MuleSoft.
* Work with Azure BLOB and Data Lake storage and loading data into Azure SQL Synapse analytics (DW).
* Handle escalated support tickets still closure for MS Azure laaS platform.

*Environment: ARCOS, Advanced SQL, Azure SQL, Sage 500, Azure Data Factory, MS SQL Server 2016, MuleSoft, Microsoft Azure, Query Analyzer, TFS.*

**Client: T-Mobile, Bellevue, WA December 2018 - November 2019**

**Title: Power BI / SQL Developer**

* Implemented several DAX functions for various fact calculations for efficient data visualization in Power BI.
* Wrote complex DAX functions in Power BI and Power Pivot.
* Used Microsoft Power BI to Build and maintain the reports and dashboards.
* Used Power BI Desktop to develop data analysis multiple data sources to visualize the reports.
* Utilized Power BI gateway to keep dashboards and reports up to-date with on premise data sources.
* Created Workspace and content packs for business users to view the developed reports.
* Scheduled automatic refresh and scheduling refresh in Power BI service.
* Developed Power BI model used for medical reporting.
* Utilized multi-dimensional and tabular model in analysis services to pull and generate reports directly from in-memory from back- end relational data sources.
* Utilized Power Query in Power BI to Pivot and Un-pivot the data model for data cleansing and data massaging.
* Performed SQL development and SSIS /SSAS/SSRS development.
* Designed, developed, and tested ETL (Extract, Transformation and Load) strategy to populate the data from various source systems feeds using SSIS.
* Designed ETL packages dealing with different data sources (SQL Server, Flat Files) and loaded the data into target data sources by performing different kinds of transformations using SQL Server Integration Services (SSIS).
* Created packages using different transformations like pivot, condition split, fuzzy lookup, aggregate, merge join, execute SQL flow task, data flow task to extract data from different databases and flat files.
* Created complex SQL queries by joining multiple tables, dynamic SQL, and sub queries in TSQL.

*Environment: Windows2008 Advanced Server, Advanced SQL, Sage 500, MS SQL Server 2016/2017, Notes, SSRS, SSIS, SSAS, Power BI, Query Analyzer, TFS.*

**Client: Luxottica, Cincinnati, Ohio June 2018 - November 2018**

**Title: SQL/SSIS/SSRS Developer**

* Created SSIS package to load data from XML Files and SQL Server 2014 to SQL Server 2016 by using Lookup, Fuzzy Lookup, Derived Columns, Condition Split, Term Extraction, Aggregate, Pivot Transformation, and Slowly Changing Dimension.
* Used SSIS to create ETL packages to Validate, Extract, Transform and Load data to Data Warehouse and Data Mart Databases.
* Scheduled Jobs for executing the stored SSIS packages which were developed to update the database on Daily basis using SQL Server Agent. Designed, Developed and Deployed reports in MS SQL Server environment using SSRS 2014.
* Translated business needs into data analysis, business intelligence data sources and reporting solutions for different types of information consumers. Involved in Planning, Defining and Designing database using Erwin on business requirement and provided documentation.
* Developed complex T-SQL code such as Stored Procedures, functions, triggers, Indexes, and views for the application. Used Joins, correlated and non-correlated sub-queries for complex business queries involving multiple tables & calculations from different databases. Used advanced features of T-SQL to design and tune T-SQL to interface the database and other applications in most efficient manner.
* Created many complex Stored Procedures/Functions and used them in Reports directly to generate reports on the fly.
* Scheduled the monthly/weekly/daily reports to run automatically onto the dashboard.

*Environment: MS SQL Server 2016, 2014, T-SQL, SSIS 2014, SSRS 2014, TFS, Business Intelligence Development Studio (BIDS), Advanced Server, SSMS*

**Client: Eaton Vance, Boston, MA August 2017 - June 2018**

**Title: Power BI / SQL Developer**

* Translated the existing Reports from Translational to Dimensional in SQL Server Management Studio.
* Created complex Stored Procedures, User Defined functions, Triggers, Indexes, Tables, Views, SQL joins and defined roles and privileges to implement business rules and control access to database.
* Created database maintenance plans for the Performance of SQL Server, which covers Database Integrity
* Wrote complex stored procedures to process requirement and generating records between front End and back end.
* Developed various T-SQL stored procedures, triggers, views and adding/changing tables for data load, transformation, and extraction. Wrote standard & complex T-SQL Queries to perform data validation and graph validation to make sure test results matched back to expected results based on business requirements. Used Execution Plan, SQL Profiler and Database Engine Tuning Advisor to optimize queries and enhance the performance of databases
* Created New Reports by using SSRS. Established the relationships among the tables in the database by assigning primary keys, foreign keys and established the referential integrity. Involved in Planning, Defining and Designing database depending on business requirements and provided the documentation.
* Created complex Stored Procedures, User Defined functions, Triggers, Indexes, Tables, Views, SQL joins and defined roles and privileges to implement business rules and control access to database.
* Extensively involved in the design of SSAS storage, partitions and aggregations and developed different calculated members, KPIs, actions by using the MDX while designing the cube using SSAS

*Environment: SQL Server Management Studio, SSRS 2014, T-SQL, Excel, Microsoft SQL Reporting Services 2014 (SSRS), Power BI.*

**Client: State of Maine/DHHS, Augusta, Maine January 2016 - July 2017**

**Role: SQL / ETL Developer/SSIS/SSRS**

* Handled Performance Tuning and Optimization on SSIS, with strong analytical and troubleshooting skills for quick issue resolution in large-scale production environments located globally.
* Created Data-driven Packages in SSIS 2014 as part of the automating the process for the Referral Process.
* Created Power BI Visualizations and Dashboards as per the requirements.
* Used Power BI for developing reports, data marts, KPI's and charts. Designed MVC design pattern for ASP.NET application development using the ASP.NET MVC framework. Developed ASP.NET Web API services to return JSON and XML Format.
* Extracted data from various sources like SQL Server 2014/2016, Oracle, .CSV, Excel, and Text file from Client servers and through FTP.
* Developed Drill-down/thru, sub-reports, linked and Dashboard reports using SSRS
* Created multiple reports (SSRS) in Drill mode using tables, financial tables, crosses tabs and charts
* Used calculations, sorts, filters, and sections to enhance data presentation in reports. Created many Cascaded parameters in the reports using SSRS.
* Developed many Tabular Reports, Matrix Reports, drill down Reports and Charts using SQL Server Reporting Services (SSRS). Also, created many multi valued parameters in the reports.
* Used Reporting Services to consume data from SharePoint sites and display reports and dashboards on SharePoint sites.
* Involved in developing applications in C# to meet the business requirements using Visual Studio.NET

*Environment: SQL Server 2014/2016, Query Analyzer, SSIS 2014, T-SQL, Excel, Microsoft SQL Reporting Services 2014 (SSRS), Windows 2000/XP, QNXT, Web Forms, SAS tools, Power BI.*

**Client: Hawk Generation Technologies, India May 2013 - December 2014**

**Role: SQL Developer**

* Designed high level ETL architecture for overall data transfer from the source server to the Enterprise Services Warehouse with different transformations to get the accurate data using SSIS 2008/2005 and deployed the SSIS packages to different environments by maintaining the configuration settings in the XML files and variables.
* Developed many scripts while designing the SSIS package using C#, VB.NET to perform various transformations while getting the data from different sources and resolved the issues with ActiveX scripts and query driven tasks while migrating the DTS packages to SSIS.
* Designed SSAS storage, partitions and aggregations and developed different calculated members, KPIs, actions by using the MDX while designing the cube using SSAS 2008/2005.
* Wrote different MDX queries using different functions to gather the data from the cube and developed the reports using the SSRS 2008/2005. Modified the cube structure by adding the new facts, dimensions with user defined hierarchies, calculated members, attribute relations to optimize the cube and develop the user defined reports from the cube.

*Environment: MS SQL Server 2012/2008, SSRS 2012/2008R2, SSIS 2012/2008, SSAS 2012/2008, SSMS, ASP.NET, VB.NET,*

*C#.NET, MDX, T-SQL, PL/SQL, Oracle 10g, MS Share Point, Access, and Excel.*

**Education**

Bachelors in Electronics and Communication Engineering from K L University, India

Master’s in computer information systems from New England College, USA