**Vikram**

**Power BI Developer**

**PROFESSIONAL SUMMARY:**

* Having **9 years** of experience in developing, designing Business Intelligence solutions utilizing Power BI.
* Extensive experience in Power BI on how to import, shape, and transform data for business intelligence (BI), Visualize data, author reports, schedule automated refresh of reports and create and share dashboards based on reports in Power BI desktop.
* Experience in Power BI to design Interactive Reports using Power Query, Power Pivot and Power View.
* Experience in Creating, Maintaining & scheduling various reports in Power BI like Tabular Reports.
* Extract and analyze data using Power Query, PivotTables, MS Excel, Power BI and SSAS.
* Experience in Publishing Power BI reports from Power BI desktop to Power BI service.
* Created different visualization in Power BI according to the requirements.
* Performed data cleaning, data validation, and data analysis using data analysis expressions (DAX), power query and power Pivot.
* Published reports to Azure - based Power BI services (Pro) and schedule subscription and various sharing options (workspace, content pack, and Apps).
* Excellent hands-on experience in groups, hierarchies, and measures, KPIs.
* Proficient in applying transformation rules - Data Conversion, Data Cleansing, Data Aggregation, Data Merging and Data splitting.
* Expertise in DAX queries to get and better way to analyzing the data.
* Complete understanding in all facets of Software Development Life Cycle (SDLC).
* Extensive database programming experience in writing T-SQL, User Defined Functions, Triggers, Temporary Tables, Constraints and Indexes using various DDL and DML commands.
* Skilled in creating and developing BI Dashboards into rich look for better understanding.
* Experienced to generate underlying data for the reports and to export cleaned data from an Excel Spreadsheet, Flat file, and CSV files to the data Ware House.
* Good logical, analytical, interpersonal skills and commitment to perform quality work as well as an excellent team player.
* Experience in relational database design, SQL queries like Joins, stored procedures, views, Variables.
* Expert in creating different visualizations using Slicers, Lines, Pies, Maps, Scatter, Bullets, Tree maps, etc. using Power BI.
* Connecting to data sources, importing data and transforming data for Business Intelligence.
* Extensively worked with clients to understand business requirements, recommended technical solutions and documented functional requirements.
* Implement functionality of existing systems Ability to work in-groups as well as independently with minimal supervision.
* Managed Power BI Portal - Data refreshes / User management and set up gateway data refresh.
* Having the ability to work closely with the team to ensure the timely delivery of business requirements.
* Good team player, strong interpersonal and communication skills combined with self-motivation, initiative and the ability to think outside the box.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Power BI Tools | Power BI Desktop, Power BI Service, Power BI Gateway, Power BI Report Server, SSRS, SSIS |
| Web Technologies | JavaScript, HTML5, XML, CSS3, Node |
| Languages | C, C++, Java, JavaScript, JSP, HTML5, XML, SQL, PL/SQL, Shell Scripting |
| Methodologies | Agile, Waterfall, RAD |
| Others | Toad, SQL Developer, Git, Sublime Text, Notepad++, Eclipse, Green Hat Tester, Soap UI Tool |
| Database | Oracle, SQL Server, MS Access, DB2 |
| Operating Systems | Windows, Unix, Linux, Mac |

**Educational:** Bachelors : GITAM UNIVERSITY, Computer Science & Engineering

 Masters : University of North Texas, Business Analytics

**PROFESSIONAL EXPERIENCE:**

**Client: CGFNS International INC ( Philadelphia, PA ) Sept 2022 - Current**

**Role: Power BI Developer**

**Roles & Responsibilities:**

* Expertise in Data Cleansing using Power Query in Power BI Desktop Editor.
* Worked on all type of transformations those are available in power bi query editor.
* Wrote DAX expressions to create new measures, calculations per business requirements.
* Effectively used data blending, filters, actions, and hierarchies feature in Power BI.
* Published the developed dashboard, reports on the Power BI Services so that the end-users can view the data.
* Participated in the configuration of an on-premises Power BI gateway to refresh datasets of Power BI reports and dashboards.
* Hands-on expertise in SQL reporting, development, analytics, or BI.
* Created Tables, Views, SQL joins and defined roles and privileges to implement business rules and control access to database.
* Scheduled Automatic refresh and scheduling refresh in power bi service.
* 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.
* Wrote complex SQL queries in database Access and created various joins (inner, outer joins) to fetch the desired output for Data Analysis.
* Used various sources to pull data into Power BI such as SQL Server, excel, cloud, SQL Azure, etc.
* Created Power BI Visualizations and Dashboards as per the requirements.
* Wrote DAX Expressions, Power Query, Functions in Power BI.
* Used DAX (Data Analysis Expressions) functions for the creation of calculations and measures in the Tabular Models.
* Created effective reports using visualizations such as Bar chart, Clustered Column Chart, Waterfall Chart, Gauge, Pie Chart, Tree map, kpi etc. in Power BI.
* Designed and developed various complex reports such as Drill down, Drill Through, Cross Tabbed using MS Reporting Services.
* Published reports using Power BI service and used gateways to refresh data when needed.
* Understand customer requirement and translate it into appropriate solution.
* Deployed the Power BI reports to Power BI services and pinned visuals to improve visualizations and presentations.
* Strong experience on connecting various Data Sources in Power BI.
* Created various data modelling in Power BI and linking the tables using various dimensions.
* Developed and maintained multiple Power BI dashboards/reports and content packs.
* Wrote calculated columns, Measures queries in power bi desktop to show good data analysis techniques.
* Used Power BI Power Pivot to develop data analysis prototype and used Power View and Power Map to visualize reports.
* Creating, maintaining the users, roles and granting privileges.

**Environment:** Power BI Desktop, Power BI Service, Power BI Data Gateway, DAX, T-SQL, SQL Profiler, MS Excel, MS SQL Server, SSIS, SSRS, Oracle, Windows.

**Client: Philips ( Andover, MA ) April 2021 - Aug 2022**

**Role: Power BI Developer**

**Roles & Responsibilities:**

* Created different visualization (Stacked bar Chart, Clustered bar Chart, Scatter Chart, Pie Chart, Donut Chart, Line & Clustered Column Chart, Map, Slicer, Time Brush etc.) in Power BI according to the requirements.
* Responsible for building reports in Power BI from the Scratch.
* Responsible for creating and changing the visualizations in Power BI reports and Dashboards on client requests.
* Developed and deployed reports for the internal users in Power BI Report Server.
* Implemented DAX Time-intelligence functions SAME PERIOD LAST YEAR, PREVIOUS YEAR, PREVIOUS QUARTER to manipulate data using time periods, including days, months, quarters, and years, and then build and compare calculations over those periods.
* Worked on both live and import data to Power BI for creating reports.
* Created calculated columns and measure in Power BI and Excel depending on the requirement using DAX expressions.
* Familiar with DAX Functions Such as SUMX, CALCULATE, ALLEXCEPT, FILTER Functions.
* Expertise in Data Cleansing using Power Query in Power BI Desktop Editor.
* Published Power BI reports from Power BI desktop to Power BI service.
* Used Power BI, Power Pivot to develop data analysis prototype, and used Power View and Power Map to visualize reports.
* Implemented several DAX functions for various fact calculations for efficient data visualization in Power BI.
* Utilized Power BI (Power Pivot/View) to design multiple scorecards and dashboards to display information required by different departments and upper-level management.
* Good knowledge of data warehouse and ETL (Extraction, Transformation, and Loading) concepts
* Involved in ETL processes and develop source-to-target data mappings, integration workflows, and load processes
* Implement functionality of existing systems Ability to work in-groups as well as independently with minimal supervision.
* 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.

**Environment:** Power BI Desktop & Service, DAX, T-SQL, Microsoft Visual Studio, DAX STUDIO, MS Excel, MS SQL Server, SSIS, SSAS, SSRS, Oracle, Windows.

**Client: Mellon financial corporation (Williamsville ,NY ) Jan 2019 - Mar 2021**

**Role: Power BI Developer**

**Roles & Responsibilities:**

* Worked closely with Business Analyst, Data Modeler, and all team within the organization to understand business processes.
* Generated context filters and data source filters while handling a large volume of data.
* Hands-on experience in utilizing DAX functions which includes Aggregation, Counting, Logical, information, Text and date functions in source data.
* Used Power BI Gateways to keep the dashboards and reports up to date.
* In Power BI developed reports by different time intelligence like a year to date (YTD), Month to date (MTD), same period last year.
* Created Row-level security so based on role, the end-user can view the data.
* Wrote DAX Expressions, Power Query, Functions in power bi.
* Used Power BI Power Pivot to develop data analysis prototype and used Power View and Power Map to visualize reports.
* Utilized Slicers and Filters in Power BI to accurately sort visuals and make sure the end user has the relevant information available.
* Published Power BI Reports in the required origination's and Made Power BI Dashboards available in Web clients and mobile app
* Also created and managed Power BI Apps for sharing the Power BI reports to the end users and stake holders through different AD Groups.
* Created conceptual, logical and physical data models using best practices.
* Created Custom Visuals in Power BI to help end users visualize their reports effectively.
* Formulated complicated reports like parameter-based reports, graphical reports, excel
* reports, drill-down chart and tabular report using Power BI.
* Monitored performance and optimized SQL queries for maximum efficiency.
* Implemented fine tuning of database objects and server to ensure efficient data publishing a report to Power BI Services.

**Environment:** Power BI Desktop & Service, DAX, T-SQL, Microsoft Visual Studio, DAX STUDIO, MS Excel, MS SQL Server, SQL Server Integration Services (SSIS), Oracle, Windows.

**Client: AKC Pet Insurance ( Raleigh, NC )  Sept 2016 - Dec 2018**

**Role: SQL- MSBI DEVELOPER**

**Roles & Responsibilities:**

* Involved in the migration of the data across different databases and different servers using SSIS, Import/export tools.
* Tested to optimize the procedures and triggers to be used in production.
* Creation of new database, planning the location of data, index, and transaction log files on the disks.
* To view the performance of indexes I used SQL profiler and execution plan objectives.
* Created and optimized stored procedures to create Clustered and Non-Clustered Indexes for Query Performance.
* Created custom data flow items for different SSIS packages using the VB.Net script.
* Involved in optimizing code and improving efficiency in databases including re-indexing, updating statistics, recompiling stored procedures, and performing other maintenance tasks.
* Collaborated with Informatica developers and RPG programmers for solving the defects.
* Worked on performance tuning of T-SQL queries and Stored Procedures.
* Deployment and End-to-End testing of Tabular Models.
* Created shell scripts to fine tune the ETL flow of the Informatica workflows.
* Install and configure of new PostgreSQL databases in on EC2 instances.
* Install, configure, test, monitor, upgrade, and tune PostgreSQL databases.
* Using various transformations like Filter, Expression, Sequence Generator, Update Strategy, Joiner, Stored Procedure, and Union to develop robust mappings in the Informatica Designer.
* Configure and setup PostgreSQL replication for Hot Standby and Streaming Replication.
* Developed PL/SQL triggers and master tables for automatic creation of primary keys.
* Involved in data loading using PL/SQL and SQL\*Loader calling UNIX scripts to download and manipulate files.
* Created unique and complex solutions with the optimization of Stored Procedures, Triggers, Views, Joins, Indexes, and Tables for various applications
* Extensively used Proc SQL for highly advanced matching and merging between large datasets.
* Developed Shell scripts to extract data from the URLS for specific exchanges.
* Assisted in development by recommending alternative solutions to technical problems for the businesspeople.
* Performed Performance Tuning by using unblocking Transformations and row transformations for better Performance of SSIS packages.
* Developed and Scheduled SSIS Packages for loading Facts and Dimensions.
* Built efficient SSIS packages for processing fact and dimension tables with complex transforms and type 1 and type 2 slowly changing dimensions.
* Configured and Tuned SQL Server 2012 Analysis Services (SSAS) Tabular and Multi-Dimensional Cubes.
* Experience in creating named Queries and Named calculations in Data source views.
* Created SSAS cubes using various dimensions and measure groups.
* Worked on performance tuning of SSAS cubes by creating partitions and hierarchies.
* Deployment and End-to-End testing of Tabular Models.
* Worked on creating Tabular Data Model Databases and created SSRS reports on top of it using both Direct Query and Cached Modes.
* Generated periodic reports based on the statistical analysis of the data using SQL Server Reporting Services (SSRS).
* Involved in Creating Parameterized, Cascaded, Drill-down, Crosstab and Drill-through Reports using SSRS.
* Used SSRS to create reports, customized Reports, on-demand reports, ad-hoc reports and involved in analyzing multi-dimensional reports in SSRS.
* Highly involved in creating, structuring, formatting using Report Designer and Report Builder.
* Developed Tableau Workbooks from multiple data sources using Data Blending.
* Used Tableau Extracts, Parameters, Filters, Contexts, Data Source Filters, Actions, Functions, Trends, Hierarchies, Sets, Groups, Calculations, Data Blending, Joins and Maps etc. Combine data sources by joining multiple tables.
* Worked on creating Tabular Data Model Databases and created SSRS reports on top of it using both Direct Query and Cached Modes.

**Environment:** MS SQL Server 2014/2012/2008R2, Microsoft Access, Informatica, SQL Server Integration Services (SSIS), PostgreSQL, PL/SQL, Business Intelligence Development Studio (BIDS), SQL Server Analysis Services (SSAS), SQL Server Reporting Services (SSRS), T-SQL, Facets, Microsoft Access. Tableau Desktop, Tableau Server, Power BI.

**Client: Auction Metrics ( Westchester, IL ) Mar 2015 – Aug 2016**

**Role: SQL DEVELOPER**

**Roles & Responsibilities:**

* Responsible for installing and maintaining SQL Server database systems. Maintaining the database systems includes but is not limited to ensuring successful backups, resolving system issues, opening cases with technical support to resolve issues, monitoring success and failure of automated jobs, monitor system availability, updating system documentation, system and database recovery, etc.
* Responsible for working on JIRA tickets on a daily basis.
* Experience in High Level Design of ETL Packages for integrating data using OLE DB connection from heterogeneous sources (Excel, CSV, Oracle, Flat File, Text Format Data) by using multiple transformations.
* Responsible for creating and scheduling SSIS packages to pull data from SQL Server and exported to various data sources like Excel Spreadsheets, Flat File etc. and vice versa.
* Created and scheduled SQL jobs to run SSIS packages on a daily basis using MS SQL Server Integration Services (SSIS).
* Responsible for creating complex stored procedures, Triggers and user defined functions using joins and cursors as required for SSIS packages.
* Responsible for configuring invoice emails, modified excel files before loading them to database.
* Worked on SSIS script task, look up transformations and data flow tasks using T- SQL and Visual Basic (VB) scripts.
* Worked on SSIS performance tuning using counters, error handling, event handling, re-running of failed SSIS packages using checkpoints.
* Worked with creating mapping document with business requirements, source to destination schema mapping along with the ETL logic and created design documents.
* Analyze user requirements, functional and technical specifications, preparing test plans.
* Worked on ETL tasks like pulling, pushing data from and too various servers.
* Wrote Python and batch scripts to automate the ETL scripts runs every

**Environment:** Change Control, CR’s, MS SQL Server, Visual Studio, Microsoft Business Intelligence, SSIS, T-SQL, SSRS, MS Office Access, Windows Server 2003/2008, .Net Framework 4.0, C#.Net