***Sai Priya***

***Sr. Power BI Developer / MS SQL BI Developer***

*Email: Mike@stecksystems.com / Contact:*

* **Summary**:
* **8+** years of professional IT experience in developing and designing Business Intelligence solutions utilizing **Power BI** and **SQL Server.**
* 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 implementing physical data model (**Databases, Schema Tables, Views & Virtual Data Warehouse)**
* Experience in relational database design, SQL queries like **Joins**, **stored procedures**, **views.**
* 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 SSRS**
* Experience in Publishing **Power BI** reports from Power BI desktop to Power BI service.
* Created different visualizations 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, DataAggregation, 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 warehouse.
* Good logical, analytical, interpersonal skills and commitment to perform quality work as well as an excellent team player.
* Experience in working with ETL team on Data Migration using SQL, SQL Azure, Azure storage, Azure Data Factory, SSIS and PowerShell
* Worked with ETL team in Defining the transformation logic in the ELT (Azure Data factory) and SSIS
* Strong knowledge of data warehousing methodologies and Agile methodology.
* Involved in creating different visualizations using Slicers, Lines, Pies, Histograms, Maps, Scatter, Bullets, Heat Maps, Tree maps, etc. using Power BI and Tableau.
* Generated context filters and data source filters while handling large volume of data.
* Involved in creating Filters, quick filters, table calculations, calculated measures and parameters in Power BI.
* Have good experience in creating advanced chart types, visualizations and complex calculations to manipulate the data as per business need through Power BI.
* Experience in utilizing DAX functions which includes Aggregation, Counting, Logical, information, Text and date functions.
* Experienced in Supporting end-user reporting using Power BI.
* Expert in creating different visualizations using **Slicers, Lines, Pies, Maps, Scatter, Bullets**, Treemaps, 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.

**Technical Skills**

|  |  |
| --- | --- |
| **Reporting BI Tools** | Power BI Desktop 2.6, Power BI Service, Power BI Gateway, Power BI Report Server, Tableau Desktop 8.x/9.3 Tableau Server, SQL server reporting services (SSRS), SQL Server Analysis Services (SSAS). |
| **Databases** | MS SQL Server 2016/2018, Oracle9i/10g/11g, MySQL, MS Access, Snowflake, Azure SQL DB |
| **ETL Tools** | SQL Server Integration Services, Informatica |
| **Web Technologies** | HTML, Java Script |
| **Hadoop Ecosystem** | HDFS, Hive |
| **Operating Systems** | Windows 2012/2016/2018 R2, UNIX. |
| **Scripting Languages** | SQL, PL/SQL, T-SQL, VB Script |
| **Other Tools** | TOAD, Oracle SQL developer, MS Office, FTP, Control-M, Teradata View Point, Teradata SQL Assistant, Rally, JIRA, GitHub, JSON, MS Excel. |

**Professional Experience**

**Capital One, Plano, TX September 2021 – Present**

**Role: Sr. Power BI Developer / MSBI Developer**

**Project/Client Description:** Capital One Financial Corporation is an American bank holding company specializing in credit cards, auto loans, banking, and savings accounts, headquartered in McLean, Virginia. Capital One is ranked 11th on the list of largest banks in the United States by assets.

**Responsibilities**

* Translate business logic into dashboards, charts, reports, and presentations in support of Sales & Marketing department.
* Imported data from **SQL Server DB, Azure SQL DB** to **Power BI** to generate reports.Designing Microsoft power BI dashboards and managing the **power BI** gateways with a focus on usability, performance, flexibility, testability, and standardization.
* Designing **OTLP, OLAP** databases and creating **ET**L packages, tabular models, and dashboards.
* Installed and Configured Enterprise Gateway and Personal Gateway in Power Bi Services.
* Using **Power BI, Power Pivot** to develop data analysis prototype, and used Power View a Power Map to visualize reports available in Web clients and mobile apps.
* Utilizing **Power BI (Power Pivot/View**) to design multiple scorecards and dashboards to display information required by different departments and upper-level management.
* Implemented several **DAX** functions for various fact calculations for efficient data visualization in **Power BI.**
* Designed **SSAS Cube** and developed **MDX** queries for Analysis.
* Document steps needed to migrate database objects between environments including Development, **UAT,** Staging and production
* Meet with business for defined requirements of the project.
* Provide production support of existing **ETL** process and develop cross validation rules to ensure mapping accuracy for newly added business rules.
* Developing **SQL** queries or use available data profiling applications to perform data analysis based on the business requirement and created data profiling report for data discovery.
* Developing new data integration and support existing dataset for BI teams.
* Creating SSIS jobs and scheduled packages using **SQL** Server management studio
* Supporting Maintenance of **ETL** process
* Used Z-order to overlap the reports on each other using Power BI.
* Used Power BI, Power Pivot to develop data analysis prototype, and used Power View and Power Map to visualize reports
* Create and customize simple visualizations, Combination charts, Slicers, Map visualizations, Matrixes and tables, Scatter charts, Waterfall and funnel charts, Gauges and single-number cards.
* Published Power BI Reports in the required originations and Made Power BI Dashboards available in Web clients.
* Created multiple data model and used as a common data source for the reporting purpose.
* Used Power BI Gateways to keep the dashboards and reports up to date.
* In Power BI developed reports by different time intelligence like year to data (YTD), Month to date (MTD), same period last year.
* Applying common transformations such as aggregate, data conversion, conditional split, lookup, merge, and sorter transformations
* Responsible for migrating folders or mappings and sessions from development server to test environment.
* Working with **Data Architects, DBAs**, and Business Intelligence teams in designing and support end-to-end data solutions across multiple platforms.
* Improving **ETL** performance applying best practices

**Environment: MS SQL Server 2016/2014/2012, SSIS, Microsoft Power BI 2.6x, Shell Scripting, SQL, T-SQL, PL/SQL, Oracle, MS Word, MS, Excel, UNIX, Windows OS, Azure, Azure Storage, Azure Data Factory, PowerShell.**

**Well Care, Tampa, FL February 2020 – August 2021**

**Role: Sr. Power BI Developer / MSBI Developer**

**Project/Client Description:** Well Care is an insurance company that provides managed care services through Medicaid, Medicare Advantage and Medicare Prescription Drug plans for more than 6.3 million members across the country.

**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.**
* Strong experience on connecting various Data Sources in Power BI.
* Created various **data modeling 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 query’s 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.
* Designed, developed reports and Dashboard Reports in Power BI Desktop and published to Power BI Web and working Power BI Pro.
* Solid experience in building interactive reports, dashboards, and/or integrating modeling results and have strong Data Visualization design skills and analytic background by using POWER BI
* Used Power BI tool to perform previously Excel done reporting to save time and energy.
* Worked on various types of DAX functions like Date and time functions, Time-intelligence functions, Filter functions, Information functions, Logical functions Math and Trig functions, Parent and Child functions, Statistical functions and text functions.
* Created graphical dashboards and reports in Power BI.
* Performed Row level Security to limit access to certain group or individuals.
* Experience in configuring security, Organizational Content Packs, data Gateways, refresh schedules for Power BI service.
* Installation of Power BI desktop, version upgradation and patches installation in client computers

**Environment: Power BI Desktop, Power BI Service, Power BI Data Gateway, DAX, T-SQL, SQL Profiler, MS Excel, Windows 10,MS SQL Server 2018,Snowflake, SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS), Azure, Windows 2012/2018 R2 Server.**

**RBFCU, San Antonio, TX July 2018 – January 2020**

**Role: Sr. Power BI Developer / Data Analyst**

**Project Description:** Randolph-Brooks Federal Credit Union (RBFCU) is a financial banking partner in Texas with offering all the member banking services as a leading Credit union. The Projects are to provide services for new members and maintaining existing members. Goal is to build single application interface serving different channels, ultimately allowing potential members to enroll online directly(web/mobile).

**Responsibilities**

* Designed, developed, and tested solutions for business user specified requirements to achieve desired business results.
* Participated in the daily standup with business teams to resolve the business issues and Data challenges.
* Hands-on experience in the design, development of end user applications for the data presentation and analytics, including scorecards, dashboards, reports, monitors, and graphic presentation (Information Visualization &Analysis) using **POWER BI**.
* Experience using formula languages such as **Data Analysis Expressions (DAX).**
* Create reports in **Power BI Desktop** and Service utilizing the connectors and content pack.
* Expertise in creating reports from importing, Direct Query and Live data from several data sources.
* Expertise in data transformations such as adding calculated columns, manage relationships, create different measures, remove rows, replace values, split column, Date & Time Column, etc.
* Configure data intake using Query and its formula **language, ‘M’.**
* Created different reports in **Power BI Desktop** and publish to Power BI online.
* Skilled at querying relational databases (**SQL**) and ability to pull data from various sources.
* Imported data from different data source to create Power BI reports and dashboards.
* Utilized **Power BI (Power View**) to create various analytics dashboards that depicts critical KPI along with slicers and dicers enabling end -user make filters.
* Created reports like Drill-Down, Drill-Through, Chart, Sub Reports Bar charts, Line charts, Pie charts, etc.
* Working extensively building **Power BI Dashboards** with quick insights into **KPIs** and Advance analysis actions, Calculations, Parameters, Maps and Scatter plots, heat maps, setting alerts.

**Environment:  Microsoft Power BI, SQL Server, Excel, MS Visual Studio, Windows 2008, Tableau 9.1 (Tableau Desktop, Tableau Server, Tableau online), MS Office Suite, Oracle 10g, MySQL, UNIX, SQL Server 2014**

**Walgreens Chicago, IL January 2018- June 2018**

**Role: Power BI Developer / MSBI Developer**

**Project/Client Description:** Walgreens is an American pharmacy store which is specialized in filling prescriptions, health and wellness products, health information and photo services. It is the second largest pharmaceutical store in the country serving many members across the country. Its purpose is to champion everyone’s right to be happy and healthy. To achieve this mission and purpose, Walgreens is focusing on better serve customers.

**Responsibilities**

* Involved in design, development, data analysis, identifying and gathering business requirements, user testing and maintenance of BI applications and information systems including database management systems **MS SQL Server.**
* Designed and developed Data models to connect all the incoming/onboarded funds.
* Developed and executed **ETL** Packages using **SQL Server** Agent/**SSIS** to migrate the incoming transactional data from various systems into the **Datawarehouse.**
* Maintain/check for data consistency in Cascade suite.
* Create SSRS reports and upload them into Cascade to be previewed by the fund accountants.
* Convert Microsoft access Databases to **SQL server** databases for Trade Capture Application.
* Extensive use of GIT for code check-in and Confluence for documenting the workflow process.
* Extensive data modelling in SSAS to create cubes for efficient reporting.
* Extract data from Various internal API’s/Databases into **PowerBI**and create data models to be used by different financial teams.
* Setup Data gateways for on premises data servers Implement row level security to keep report access to specific users in the organization.
* Setup **Power BI** report server which can be used for paginated (existing SSRS reports) and new PBI reports.
* Develop Data models for the real estate team for efficient data visualization in **Power BI**.
* Implemented **Power BI** gateway to keep Dashboards and reports up to date with on-premise data sources.

**Environment: MS SQL Server 2008, SSIS, SSRS, SSMS, Visual Studio 2013, Power pivot, T-SQL, Power BI, MS TFS, JIRA, VB.Net**

**State Farm Insurance, Bloomington, IL January 2017- December 2017**

**Role: SQL (SSIS, SSRS, SSAS) Developer**

**Project Description:** CDE is a strategy to differentiate State Farm from the competition with an increased focus on the customer. One component of CDE is development of a simple, seamless, integrated customer platform. This integrated platform will provide customers the ability to acquire and service their entire State Farm insurance and financial services product across all access points

**Responsibilities**

* Gathered report requirements and determined the best solution to provide the results in either a Reporting Services report or Power BI. Cloud computing with AWS.
* Installed and configured Power BI Desktop.
* Created Power BI Visualizations and Dashboards as per the requirements.
* Created effective reports using visualizations such as Bar chart, Clustered Column Chart, Waterfall Chart, Gauge, Pie Chart, Tree map etc. in Power BI.
* Designed and developed SSIS Packages (.dtsx files) to import and export data from MS Excel, SQL Server 2012 and Flat files.
* Writing complex SQL Queries, Stored Procedures, Triggers, Views, Cursors and User Defined Functions to implement the business logic.
* Created SSIS packages to integrate the data coming from flat files
* Migrated SSIS Packages from during data migration.
* Optimized queries by looking at Execution Plan for better tuning of the database.
* Used Temp Tables to reduce the number of rows for joins, to aggregate data from different sources for different reports.
* Designed and developed various complex reports such as Drill down, Drill Through, Cross Tabbed using MS Reporting Services.
* Created SSIS packages for loading data from SAP BW/BI to SQL Server.
* Performed database backup and deployment to the production server.
* Involved in modifying existing DataStage Jobs for better performance.
* Created detail Technical documentation of various staging area operations for future reference and guidance.
* Created reports using stored procedure. Involved in scheduling, creating snapshots and subscriptions for the reports (SSRS 2008/20012).
* Installation and configuration of SQL Server Reporting Services (SSRS) 2008/2012
* Created reports using stored procedure. Involved in scheduling, creating snapshots and subscriptions for the reports (SSRS 2008/2012).
* Involved in Normalization and De-Normalization of existing tables for faster query retrieval
* Involved in SIT (System Integration Testing) and UAT testing, bug fixing and documentation for the project.
* Designed STAR, SNOW FLAKE Schemas.

**Environment: MS SQL Server 2016/2014, MS SQL Server Integration Services (SSIS), MS SQL Server Analysis Services (SSAS), Salesforce, Intacct, Power BI Desktop, Power BI Service, Data Gateway, DAX, T SQL, SQL Profiler, XMLA, MS Excel, Excess, Windows 8.**

**BillionApps, Hyderabad, India June 2014 – December 2016**

**Role: SQL BI Developer**

**Project Description:** Billion Apps rapidly growing software company with a team of experienced intellectuals working in various technologies. It is a leader in software Development and empower IT individuals with competitive advantage. It is a rapidly growing software company with a team of experienced intellectuals working in various technologies. It deals with Product and Service based applications in all major areas. Our IT Consulting as well as Custom Application Development, Web Development and E-commerce all of which help our customers with their diverse yet demanding needs.

**Responsibilities**

* Gathered report requirements and determined the best solution to provide the results in either a Reporting Services report or Power BI.
* Installed and configured Power BI Desktop.
* Created Power BI Visualizations and Dashboards as per the requirements.
* Created effective reports using visualizations such as Bar chart, Clustered Column Chart, Waterfall Chart, Gauge, Pie Chart, Tree map etc. in Power BI.
* Writing complex SQL Queries, Stored Procedures, Triggers, Views, Cursors and User Defined Functions to implement the business logic.
* Optimized queries by looking at Execution Plan for better tuning of the database.
* Used Temp Tables to reduce the number of rows for joins, to aggregate data from different sources for different reports.
* Performed database backup and deployment to the production server.
* Created detail Technical documentation of various staging area operations for future reference and guidance.
* Involved in Normalization and De-Normalization of existing tables for faster query retrieval
* Involved in SIT (System Integration Testing) and UAT testing, bug fixing and documentation for the project.
* Designed STAR, SNOW FLAKE Schemas.

**Environment: Oracle 11g, MS SQL Server 2016/2014, Power BI Desktop, Power BI Service, Data Gateway, DAX, T SQL, SQL, MS Excel, Windows 8.**

**Education:**

Bachelor of Technology (CSE) from JNTU, Hyderabad, India

Master of Technology (CSE) from OU, Hyderabad, India