**B. Moses Vinay Kumar**

**BI Developer – Business Analyst/MSBI/ SQL**

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**Professional Summary:**

* Around **3+ years** of IT experience in the **Analysis, design, development, testing and Implementation** of **ETL & Business Intelligence solutions** using **Data Warehouse/Data Mart Design, ETL, SQL SERVER, MSBI** and **Power BI.**
* Hands on experience in different versions of **MS SQL Server** with Business Intelligence in **SQL Server Integration Services, SQL Server Analysis Services and SQL Server Reporting Services.**
* Extensive experience with all **phases of Software Development Life Cycle** in different environments like Healthcare, Banking, Insurance, and Information Technology.
* Application knowledge in software development life cycle (SDLC), Agile, Scrum, UML, Waterfall and Project Management Methodologies.
* Experienced in **Extraction, Transformation and Loading (ETL)** process using **MS**-**SSIS**, **DTS** application tools.
* Experience in Handling **Heterogeneous data sources**, databases **Oracle, IBM DB2** and **XML** files using **SSIS.**
* Strong experience in design, develop and deployment of the **SSIS** packages and **SSRS** reports using **SQL Server Data Tools**.
* Proficiency in Developing **SSAS** Cubes, Aggregation, **KPIs,** Measures, Partitioning Cube, Data Mining Models, and Deploying and Processing **SSAS** objects.
* Well versed in Using **MDX/DAX Queries** to retrieve data from **Analysis Services Cubes.**
* Explored data in a Variety of ways and across multiple **visualizations using Power BI Desktop and Service**.
* Responsible for creating SQL **datasets for Power BI and Ad-hoc Reports**.
* **Created, Maintained & scheduled various reports** in Power BI like Tabular Reports.
* Experienced on creating multiple kind of Report in Power BI and present it using Story Points.
* Extract and analyze data using **Power Query, PivotTables, MS Excel,** **Power BI** and **SSAS.**
* Migrate existing data into the **Power BI**
* Extensive experience in designing, developing, and delivering business intelligence solutions using **Power BI,** **SQL Server Integration Services (SSIS),** **Analysis Services (SSAS),** and **Reporting Services (SSRS).**
* Used Microsoft Azure date storage and **Azure Data Factory, Data Lake**. Worked on creating **Azure Data Factory** for moving and transforming the data.
* Performed data cleaning, data validation, and data analysis using **data analysis expressions (DAX)**
* **Used DAX (Data Analysis Expressions)** functions for the creation of calculations and measures in the **Tabular Models.**
* Well versed in managing and administrating **Power BI Service app** workspaces, user roles, publishing apps and setting data sources on **enterprise gateways.**
* In-depth understanding in client requirement Analysis, Logical design, development, Testing, Deployment, Support and Maintenance of business applications using **SQL Server, DTS, SSIS, SSAS and SSRS.**
* Hands on experience with SQL programming and Transact-SQL in **creating tables, Stored Procedures, triggers, user-defined functions, views, indexes, user profiles, relational database models.**
* Experience in developing **Custom Reports**, **Parameterized reports** and different types of Tabular, Matrix, Ad hoc reports and distributed reports in multiple formats using **SQL Server Reporting Services** (**SSRS**).
* Involved in Every stage of **Report authoring, managing, developing, deploying**.
* Experienced in using **global variables**, **expressions** and **functions** for the reports.
* Involved in designing and developing enterprise reports (**SSRS/Business Objects**) using the data from ETL Loads, SSAS **Cubes** and various **heterogeneous data sources**.
* Experience in writing **MDX queries** and in developing **OLAP** cubes using **SSAS** for data mining and created reports

from the OLAP cubes using **SSRS** and **Report Builder 3.0.**

* Good Working experience in designing **STAR, SNOW FLAKE Schemas**, database modeling, logical and physical database design using Erwin and Knowledge of how the Kimball approach has been implemented in the **Microsoft BI tool.**
* Implement one-time data migration of multistate level data from **SQL Server to Snowflake** by using **Python and Snow SQL.**
* Day to day responsibilities includes developing **ETL** pipelines in and out of data warehouses, develops major regulatory and financial reports using advanced SQL queries in **snowflake**
* Strong knowledge and exposure to creating Jobs, Alerts, **SQL** Mail Agent and scheduled **SSIS** Packages.
* Involved in performance tuning and query optimization using tools like **SQL Server** Profiler, Database Tuning Advisor and Index Tuning Wizard
* Ability to work independently and in a team, capable of handling **time-sensitive** issues in distributed environments.
* Excellent Communication and interpersonal skills.

**Technical Skills:**

| **RDBMS/DBMS:** | MS SQL Server , MySQL, Azure and MS Access |
| --- | --- |
| **Database Technologies/Tools:** | SQL Server Entreprise Manager, Microsoft Management Console, SQL, T-SQL, Azure, Data Transformation Services (DTS), OLTP, BCP, SSIS, OLAP. Microsoft Visio, ER Studio |
| **Reporting Tools:** | Power BI, SQL Server Reporting Services, Power Apps, Power Query, Power Automate, Excel. |
| **Operating Systems:** | Windows Vista, Windows 7, Windows 10, Windows 11 |
| **Programming Languages:** | T-SQL, DAX, PL/SQL, HTML, CSS, PHP |
| **Design Technologies/Tools:** | Erwin, MS Visio, Rational Rose |
| **Data Warehouse / Business Intelligence Tools** | SQL Server Reporting Services (**SSRS**), SQL Server Integration Services **(SSIS**), Power Automate (Flow), Visual Studio 2013/2010/2008, **SSAS**, Business Intelligence Development Studio (**BIDS**) , **MS Data Tools / Visual Studio Shell** |

**Education:**

Masters of Technology in Project Management, Lords Institute of Tech and Science, Hyd, India.

**Professional Experience:**

**Etech Global IT Solutions LLC, US Aug 2022 – Till Date**

**Power BI Developer /SQL Developer**

**Roles and Responsibilities:**

* Gathered data from various external sources into a **data warehousing** system with the help of ETL process.
* Used SQL Profiler for **troubleshooting**, **monitoring**, and **optimization** of **SQL** **Server** and non-production database code as well as T-SQL code from developers and QA
* Designed, reviewed, and created primary objects (views, indexes, etc.) based on logical design models, user requirements and physical constraints. Designed and developed web pages using VBScript.
* Wrote **T**-**SQL** (DDL and DML) queries, **stored** **procedures** and used them to **build** **packages** and handled **slowly** **changing** **dimensions** to maintain the history of the data.
* Build GSHS Reports in **Power** **BI** from scratch.
* Developed various solution driven views and **dashboards** by developing different chart types including Pie Charts, Bar Charts, Tree Maps, Circle Views, Line Charts, Area Charts, Scatter Plots in **Power** **BI**.
* Specialized in transforming data into **user**-**friendly** **visualization** to give **business** **users** a complete view of their business using **Power** **BI** .
* Used various sources to pull data into Power BI such as SQL Server
* Involved in installation of **Power** **BI** **Report** **Server** .
* Developed reports to visually explore data and create an **interactive** **report** Excel and Power BI.
* Using a query editor in Power BI performed certain operations like fetching data from different file.
* Created groups, content packs.
* Created the **KPI** to show the difference between actual and forecast data.
* Working with import and direct query, creating custom table in the **Power** **BI**.
* **Merge** queries and **append** queries, remove columns and split columns, choosing required columns in the data.
* By using Power BI desktop connected to various data sources, working with different visualizations.
* Developed and published reports and dashboards using Power BI and written **effective** **DAX** **formulas** and expressions.
* Utilized **Power** **Query** in **Power** **BI** to **Pivot** and **Un**-**pivot** the data model for data cleansing and data massaging
* Created several user roles and groups to the end - user and provided **row** **level** **security** to them.
* Created Power BI Reports using the **Tabular** **SSAS** models as source data in **Power** **BI** **desktop** and publish reports to service.
* Worked on importing **custom** **visualizations**.
* Worked with table and matrix visuals, worked with different level of filters like report level, visual level filters, page level filters.
* Used various data visualizations with Power BI.
* Created reports utilizing **SSRS**, **Excel** **services**, **Power** **BI** and deployed them on **SharePoint** **Server** as per business requirements.
* Designed different types of KPI's for percentage growth in different fields and compared over the period of time and designed aggregations and pre-calculations in **SSAS**.
* Involved in designing partitions in cubes to improve performance using **SSAS**.
* Created Tabular model reports to slice and dice huge volumes of data.
* Using Tabular model provided more security to data at Row level.
* MDX programming, **DAX** expressions, analysis and business forecasts.
* Implemented **OLAP** cubes, facts, and dimensions for providing summarized and aggregate views of large database sets.
* Superior involvement in developing reports and dashboards from **multiple** **data** **sources** such as on-premises and cloud using **Power** **BI** **desktop** .
* 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.
* Experience in combining data from different sources by using of **power** **query** .
* Experience with, power pivot and **dashboard** **designer**.
* Troubleshoot and support reports in **Power BI workspaces** whenever there are issues in production.

**Environment:** MS SQL Server, MS SQL Server Integration Services (SSIS), MS SQL Server Analysis Services (SSAS), Azure, Intact, Power BI Desktop, Power BI Service, Data Gateway, DAX, T SQL, SQL Profiler, MS Excel

**TKTC/Church Administration May 2020 – Aug 2022**

**SQL, MSBI\Power BI Developer**

**Roles and Responsibilities:**

* Created effective reports using visualizations such as **Bar chart, Clustered Column Chart, Waterfall Chart, Gauge, Pie Chart, Tree map** etc. in Power BI.
* Utilized **Power BI gateway** to keep dashboards and reports up to-date with on premise data sources. Created drill down and drill through report to go to details and child report within power bi based on hierarchy.
* Utilized Power Query in **Power BI** to Pivot & Un-pivot the data model for data cleansing and data massaging.
* Secured the **Power BI** reports using **Row Level Security (RLS)** and **DAX** filters
* Created new calculations and KPI such as average life of products, profit margins utilizing DAX in SSAS
* Created views, triggers, user defined functions to incorporate the flow of business and automated stored procedures.
* Gathered user requirements to develop the business logic and analyzed and designed the packages and database solutions.
* Worked closely with database to design and implement database components in timely manner.
* Set up **ETL** Jobs to run on a nightly basis into the Data marts using **SQL Server Agent**.
* Used configuration files, to migrate **SSIS** packages from development stage to quality analysis (testing) without having to reconfigure the packages.
* Created SSIS packages to extract data from multiple **flat files, CSV and Excel** and scheduled jobs to call the packages.
* Built Complex Stored Procedures for writing **SSIS** Package Logs into Physical Database.
* Scheduled jobs for executing the stored **SSIS** packages, which were developed to update the database on daily/weekly/monthly basis.
* Developed stored procedures using **T-SQL** programming to meet the business requirements.
* Configured SQL mail agent for sending automatic emails when a **SSIS** package fails or succeeds.
* Data management and **data processing solutions** using **SSIS**, this includes **Error Handling** and Slowly Changing Dimensions.
* Extensively used SSIS transformations such as Lookup, Derived column, Data conversion, Aggregate, Conditional split, SQL task, Script task and Send Mail task etc.
* Extensively worked on Data Flow transformations like **For each Loop Container, execute process task, Transfer SQL Server Objects task, Transfer Jobs task, Transfer Logins task.**

**Environment:** SQL Server 2019/2016, SQL Server Integration Service, Power BI, Azure, SSMS, T-SQL, PL/SQL, SQL Server Management studio, SSIS, SSRS, SSAS, SQL Server DTS,