



Varun C

Developer

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PROFESSIONAL SUMMARY

- **4+ years' experience in Database Development, Architecting and managing the implementation of Business Intelligence solutions, Data-warehouse and Infrastructure.**
- Expertise in the Microsoft BI solution offerings including **SQL Server 2014/2012/2008 R2/2005 stack (SSIS, SSRS, SSAS Multi-Dimensional/ Tabular, Power BI, QlikSense and Tableau)**
- Worked design and develop Databases (**OLTP**), Data Warehouses (**OLAP**) and Multidimensional Databases & **Dimensional and Data Modeling Using Star schema and Snowflake Schema**
- **Expertise in Azure Blob, Datalake, Datafactory, Databricks, Synapse, Analysis Services**
- Experience in **T-SQL, DAX, R, Python, M-Language and MDX & Expertise in performance tuning.**
- Expertise in **data acquisitions, archive recovery**, Data Profiling, Data quality.
- Expertise in ETL using SSIS & Azure Data Factory and Modeling in SSAS & Azure Analysis Services.
- Designed **Dashboards**, Scorecards and reports using multiple KPI's, OLAP charts and SSRS Reports.
- Worked on Power Pivot, Power Chart, Power Map, Power Query, Power View, Power BI and share point portal.
- Experience in **Agile and Waterfall** delivery models.
- **Created rich visualized Power BI reports (Used Pie charts, Line charts and Tree Maps, Bar & Column charts, Tabular, Matrix, Cards, Slicers, Gauge, KPI's and Custom Visualizations).**
- **Experience in creating Views, Constraints, Joins, Temp Table, Table Variable, Functions, Batch Scripts and stored procedures.**
- Experience working on Azure data factory for Data transfer from On-Premise and cloud data sources to Azure SQL DB & Very good experience in moving data to/from Azure and creating ELT/ETL artifacts to process and distill the data by using the Azure Data Factory, LogicApps.
- Designing ETL using Azure data factory to collect and process the data
- Architected and designed Azure data warehouse and Data Lake for Data stores.
- **Writing USQL, PL/SQL for ingesting and processing the data into Azure Data Lake**

SKILL SET

DBMS	MSSQL Server, Oracle SQL Server, MySQL
Languages	T-SQL, C, MDX, DAX, PL/SQL, M – Language, R, Python
Tools/Utilities	Visual Source Safe, Microsoft Business Intelligence 2008/2012, SQL server BI data tools 2013, EC MAP Tool , TFS, Tableau and Informatica Power Center, MS Visio, MS office, Power view and Power BI, Qlik Sense, Power Shell.
Power Platform	Power BI Desktop, Power BI Service, Power Apps, Power Automation
Azure Services	Azure Data factory, Azure Data lake, Azure data bricks, Azure Analysis Services
BI Tools	SSIS, SSAS and SSRS, Power BI

PROFESSIONAL EXPERIENCE

- Working as Azure/Power BI Developer for Accenture December 2021 to till date
- Worked as MSBI/Power BI Developer for Inwiton Technologies from November 2018 to December 2021

Project #1

Title	: Monthly Account Snapshot Financial Datamart
Domain	: Financial Services
Duration	: December 2021 to Till Date
Environment	: Developer/Admin

Description: The Purpose of this Project is to fetch data from ERP and load into Datamart and Generate KPI related to Primary Month End balance, Average Daily Balance and interest paid

Responsibilities:

- Imported data **from SQL Server DB, Azure SQL DB, Devops to Power BI** to generate reports.
- Embedding **power bi** reports to internal applications.
- **Created Dax Queries to generated computed columns in Power BI.**
- Generated computed tables in Power BI by using Dax.
- **Involved in creating new stored procedures and optimizing existing queries and stored procedures.**
- Created Azure Blob Storage for Import/Export data to/from .CSV File.
- Used Power BI, Power Pivot to develop data analysis prototype, and used Power View and Power Map to visualize reports
- Configure the Azure Blob Storage, where the source files are stored.
- From blob storage, files are loading into Azure SQL data base using Azure data factory (V1 & V2).
- In Azure SQL data base we are moving data from staging to DWH using store procedures.
- Tabular model is created on top of Azure SQL data base i.e. DWH schema objects.
- Power BI reports are created from the Azure tabular model and published into a Power BI portal under specific workspace.
- Connecting Azure Analysis Services financial database through Power bi desktop for developing reports financial report.
- Creating SSAS tabular Cube through connecting Azure DB and Azure DW.
- Published Power BI Reports in the required originations and Made Power BI Dashboards available in Web clients and mobile apps
- **Performed Connections, Transforms, Modeling, Visuals, Visuals, Dashboards and Scorecards using Power BI**
- **Used Power BI Gateways to keep the dashboards and reports up to date.**
- Installed and Configured Enterprise Gateway and Personal Gateway in Power Bi Services.
- Published reports and dashboards using Power BI.
- **Created Power Apps and Automated Dashboard Alerts using Power Automate**

Project #2

Title	: GL Ledger Snapshot Warehouse
Domain	: Accounting
Role	: Power BI Developer, SSIS, SSAS, SSRS
Duration	: March 2020 to December 2021
Environment	: MS SQL Server 2014, SQL server Data tools 2013, SSRS and Power BI.

Description: The Purpose of this Project is to Extract GL data from SAP ERP system and load into Business warehouse incrementally and Generate Snapshots related to Budgeting, Commitment and Payments

Responsibilities:

- **Developed Database design, Table Design and Index Design Implementation and delivery of SSIS platform solutions to develop and deploy ETL, analytical, reporting and scorecard / dashboards on SQL Server 2014 using SSRS and Power BI.**
- Power BI reports are created from the Azure tabular model and published into a Power BI portal under specific workspace.
- Connecting Azure Analysis Services financial database through Power bi desktop for developing reports financial report.
- Creating SSAS tabular Cube through connecting Azure DB and Azure DW.
- Developed various reports as per project requirement for Finance User and Retail Users.
- Used Bookmark feature in Power BI to create report in the Monthly, Quarterly, Yearly frequency.
- **Worked on the Power Bi reports & dashboards with SQL Server/Tabular SSAS sources.**
- Monitored Full/Incremental/Daily Loads and support all scheduled ETL jobs for batch processing.
- **Developed and optimized database structures, Stored Procedures, DDL triggers, SQL Server Audit and user-defined functions.**
- Created SSIS Pkg and SSAS Tabular model and used in Power BI
- **Migrated SSIS Pkgs to Azure using Lift and Shift and also Migrated SSAS Cubes to Azure.**
- **Involved in writing Stored Procedures and Functions, Common table expressions and Merge to handle database automation tasks.**

Project #3

Title	: HDFC Insurance Value Chain
Domain	: Insurance
Role	: MSBI Developer,Power BI Developer,SQL Developer
Duration	: Sept 2019 to Feb 2020
Environment	: MS SQL Server 2014, SQL server Data tools 2013, SSRS

Description: The Purpose of this Project is to Genrate Views on Policy Transactions and Policy Snapshots and identify Policy Transaction dollar amount Periodically

Responsibilities:

- Implementation and delivery of MSBI platform solutions to develop and deploy ETL, analytical, reporting and scorecard / dashboards on SQL Server 2014 using SSAS, SSIS and SSRS.
- Collect business requirements and produce reports (SSRS, excel reports) accordingly.
- Implemented Semantic layer in Power BI as Datasets and Created Visuals using Custom Libraies
- Implemented Paginated Reports using Power BI Report Builder and also involved in Embedding Power BI Reports in Application.
- Involved in Gap Analysis,HLD,LLD and UAT in Delevring Power BI KPI's.
- Involved in migration which involves adopting BI Monkey framework and new DB architecture
- Monitored Full/Incremental/Daily Loads and support all scheduled ETL jobs for batch processing.
- Daily monitor the SQL Server agent jobs and troubleshoots the issue and fix.
- Performed Regular Database Maintenance process, checking the disk Defrag procedures in different environments.
- Provided quick resolution with thorough troubleshooting to production bugs tracked through "ITSM" tool and Services now.
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Project #4

Title	: Operational and Analytics CRM
Domain	: CRM
Role	: MSBI Developer,Power BI Developer
Duration	: November 2018 to August 2019
Environment	: MSSQL Server2005/2008,SSIS,SSAS,SSRS,Power BI

Description: The goal of CRM is to maximize relationships with your customers over their lifetime. It entails focusing all aspects of the business, from marketing, sales, operations, and service, on establishing and sustaining mutually beneficial customer relations. To do so, the organization must develop a single, integrated view of each customer.

Responsibilities:

- Created SSIS Packages using sort, Lookup, Data conversion, and Derived column, Aggregate, Execute SQL Task, Data Flow Task and Execute Package Task etc.
- Designing and support existing reports in SSRS.
- Experience in creating master and child packages, package configurations and logging.
- Used Control Flow Tasks like For Loop Container, For Each Loop Container, Sequential Container, Execute Task, Email Task, and Data Flow Task.
- Extensively used Derive Column, Row Count, Data Conversion, Conditional Split, Aggregate, Lookup and Sort to load data into Data Warehouse.
- Implemented Variables and Parameters in Packages and Reports.
- Scheduling the ETL packages through SQL Server Agent jobs.
- Developed reports in SQL Server 2005 Reporting Services with SQL 2005 database.
- Created different types of reports like tabular, matrix, graphs and bar charts by using sql server 2005 Reporting Services.
- Implementing subscriptions to reports to send them as an Email.
- Created many reports as per the business user's requirements.

Trainings Attended:

- Azure Data Engineering
- Python & R
- Spark & Scala

Certifications:

- Microsoft Power BI Data Analyst
- Microsoft Azure Fundamentals