

PROFESSIONAL SUMMARY

- A professional with 8 years of Experience in Information Technology as a MS **SQL Server Developer** in analysis, design, implementation & administration of Business intelligence solutions (**SSIS/SSRS**) with **Microsoft SQL server 2019/2017/2016/2014/2012** in development, testing & production environment.
- Excellent experience delivering comprehensive Business Intelligence through integration of BI suite of products (**SSIS, SSRS, Power BI**) including MS solutions like Microsoft Excel.
- Strong knowledge of Data Warehousing methodologies and concepts, including **Star Schemas, Snowflake Schema, SSIS** processes, Dimensional Modeling and Reporting tools.
- Highly proficient in using T-**SQL** for developing complex **Stored Procedures, Effective Triggers, Tables, Views**, User defined Functions, Relational Database Models and Data Integrity, **SQL** Joins, Indexing and Query Writing.
- Strong ability in Data warehousing tools, Data Mapping, Unit Testing, Migration, Conversions, and Process Documentation
- Proficient in Creating, Configuring, **Deploying** and Fine-tuning MS **SQL Server** Integration Service (**SSIS**) packages.
- Well versed in development, implementation, administration and support of ETL processes for large-scale Data Warehouses using **SSIS** including tools like BCP utility, DTS and **SSIS 2016 / 2014/2012** Packages with proper control flow and data flow elements by using MS **SQL Server**.
- Expert in Developing **SSIS** Packages to **Extract, Transform and Load (ETL) data** into the Data warehouse from Heterogeneous databases such as Oracle, DB2, Sybase and MS Access.
- Experience in Creating and managing **Event Handlers, Package Configurations, Logging, System** and **User-defined Variables** for **SSIS** packages.
- Expert in designing (development) and deployment of **SSIS** packages from various sources like MS Access, Oracle, Excel, Microsoft **SQL Server**, flat file, and XML.
- Extensively worked on **SSIS**, Data Cleansing, Data Scrubbing and Data Migration.
- Experience in building, deploying, and managing applications on **Microsoft Azure Cloud computing platform**.
- Designed, configured, and deployed **Microsoft Azure** for a multitude of applications utilizing the **Azure stack** (Including Compute, Web & Mobile, Blobs, Resource Groups, Azure **SQL, Cloud** Services, and ARM), focusing on high - availability, fault tolerance, and auto-scaling.
- Experience in extracting Data from **SAP systems** into Excel, **SQL Server** using **SSIS**, Power Automate.
- Expertise in Microsoft Azure **Cloud** Services, Application Insights, Document DB, Internet of Things (IoT), Azure Monitoring, Key Vault, Visual Studio Online (VSO) and **SQL Azure**.
- Utilizes the **Power BI** to create various analytical dashboards, implemented **Power BI** gateway.
- Experience in report writing using **SQL Server** Reporting Services (**SSRS**) and creating several types of reports like **Drill down, Drill through, Dynamic, Linked**,

Parameterized, Cascading, Conditional, Table, Matrix, Chart, Document Map and Sub-Reports.

- Build solution driven dashboards by developing different chart types including Crosstab's, Heat/Geo/Tree Maps, Pie/Bar Charts, Circle Views, Line/Area Charts, Scatter Plots, Bullet Graphs, and Histograms in Power BI Pro.
- Hands-on experience with version control tools like **Git** and **cloud**-based hosting services like **GitHub**.
- Excellent communication skills, analytical skills, understanding business requirements in various domains.
- Self-learning ability, Leadership Quality, good team player and determination to learn new technologies and maintain positive relationships at all business levels.

TECHNICAL SKILLS:

Databases	MS SQL Server 2019/2018/2017/2016/2014/2012/2008 MS-Access 16.0/15.0/14.0/12.0, Azure SQL
Database Tools	Enterprise Manager, Query Analyzer, SSMS, SQL Profiler, Data Transformation Services, Upgrade Wizard, Replication, Database Engine Tuning Advisor, SQL Server Dashboard, Business Intelligence Development Studio (BIDS)
Reporting Tools	Power BI Desktop, Power BI Server , SQL Server Rep Services (SSRS), Crystal Reports 12/9, Microsoft SharePoint, Tableau
Data Modeling	Erwin, TOD, Fact and Dimensional Data Modeling, UML, Logical data modeling and Physical data modeling
ETL Tools	SQL Server Integration Services (SSIS), Azure Data Factory
Operating System	Windows 2010/7/8.1/8/7, Linux CentOS 7, Solaris 11, Windows Server 2008 R2
Designing Tools	Rational Rose, MS Visio
Applications / IDE	Visual Studio 2015/13/12/10, Adobe Photoshop, Adobe Dream viewer MS-Office, MS-Project

EXPERIENCE:

Optum, Minnesota

Nov 2023 - Present

Senior MS **SQL Server/SSIS/SSRS/BI/ETL Developer**

Responsibilities:

- Worked with **Stored Procedures, tables, and views** and other **SQL** joins and statements for applications by using T-**SQL**.
- Worked on **SQL Server** development including writing **T-SQL** Queries and creating **SQL Server** objects like **Stored Procedures, User-defined Functions, Views, Triggers**, implementing T-**SQL** relational database models and data integrity.
- Developed highly optimized **SQL** stored procedures, functions, and **database views** to implement the business logic and **created clustered** and **non-clustered indexes**.
- Monitored and enhanced performance by using execution plans and **SQL Server Profiler**, implementing **query optimization**.
- Involved in Migrating Objects from **SQL** Data warehouse to **Star Schema**.
- Coordinate with business users to analyze business requirements and translating them to technical specifications.
- Developed dashboards and ad-hoc reports using MS Power BI.

- Used different features in Power BI like Transpose, Split Column by Delimiter, Add Column, Get Data, Report Tab, Data Tab, Relationships.
- Used Edit Queries to manipulate the source data as per our business requirement by changing the type of Column, Split Column, Group By Column, Deriving Month, and Year from Date Column.
- Wrote DAX Expressions, Power Query, Functions in power bi.
- Integrated PowerApps with Power BI to create interactive reports and dashboards, embedding Power BI visualizations within PowerApps for seamless user interaction.
- Leveraged PowerApps to enhance Power BI reports with dynamic filtering, parameterized queries, and real-time data updates.
- Developed BASH scripts to clean, index and archive data using Apache Solr, RHEL9/7 servers.
- Scheduled and maintained nightly and weekly loads of data by creating the corresponding job tasks.
- Checking the code into TFS (Store Procedures, Views, Tables, Schema) for the deployment process for the production environment
- Published Power BI Reports in the required origination's and Made Power BI Dashboards available in Power BI Services and mobile apps.
- Created KPI's, Partitions, Perspectives, and Calculated Measures, used DAX queries, Roles.

BCBS, Newark, New Jersey

Mar 2022 - Oct 2023

Sr. MS SQL / SSIS/SSRS/ETL Developer/ Power BI Developer

The goal of the project was to develop integration services to cleanse and integrate data from disparate sources into a data warehouse. Also, generates reports to represent population and patient profiles, case mix groups, and healthy community indicators.

Responsibilities:

- Worked with **Stored Procedures, tables, and views** and other **SQL** joins and statements for applications by using T-**SQL**.
- Used **SSIS** and T-**SQL** stored procedures to transfer data from source databases to staging area and finally transfer into data warehouse.
- Created the **test cases** for testing and comparing the data using **SQL** queries.
- Taking Database Full Backup, Transaction log backup & differential backup in daily routine.
- Developed and deployed data transfers packages to the appropriate destinations using **SSIS**.
- Created **SQL server** configurations for **SSIS** packages. Used **SSIS** transformations to implement the **Slowly Changing Transformation**, to maintain **Historical Data** in the Data warehouse.
- Created packages using the various control flow tasks such as **data flow task, execute SQL task, Execute package task, File System task**.
- Automated SAP data extraction to Excel with Power Automate.
- Collaborated with **SAP functional teams** to understand data structures, hierarchies, and relationships, enabling the creation of precise extraction queries.
- Performed maintenance of **Stored Procedures** to improve Performance of different front-end Applications.
- Integrated diverse data sources by leveraging Azure Data Factory pipelines, and orchestrating data extraction, transformation, and loading (ETL) processes.
- Transform the data from the **staging database** and perform the transformation using the **Data Flow Tasks**.
- Designed and optimized complex **SQL** queries for extracting, transforming, and loading (ETL) large datasets from SAP tables into **SQL Server** databases.

- Strong experience with query editor features as merge & append query, split column, conditional column, extract, pivot & un-pivot, add column, transpose, write M FORMULA using advance query editor, delete column, remove null, errors etc.
- Utilizes the **power BI** (power view) to create various analytical dashboard, implemented **power BI** gateway.
- Used **SSIS** jobs for importing data from flat files that bring the data to the application tables.
- Wrote complex **Stored Procedure, Queries, Triggers, Functions, Indexes, User-defined functions and Cursors** for the application.
- Used several transformations in Data Flow including **Derived-Column, Script, Lookup, Data Conversion, and Conditional-Split** to categorize data for other departments.
- Designed and developed **SSIS** packages to import and export data from **MS Excel, SQL Server and flat files**.
- Used Various Control Flow and Data Flow Tasks like **Execute SQL Task, For Each Loop Container, Derived Column, Data Conversion**, etc. for Creating **SSIS** Packages.
- Scheduled Jobs for executing the stored **SSIS** packages, which were developed to update the database on a daily basis using **SQL Server** Agent.
- Designed and implemented **Stored Procedures and Triggers (DDL & DML)** for automating tasks.

Environment: - MS **SQL Server** 2019/2018, SAP, IDoc, T-**SQL** (SSMS, **SSIS**) XML, SY-Base, Oracle, MS Excel 2019/2016, MS Access 2007 & Windows **Server** 2012, **SQL** Profiler, Data Analyzer.

Fidelity Investments, Durham, NC

Oct 2020

- Feb 2022

MS **SQL /**SSIS**/**SSRS**/ETL Developer/ Power BI Developer**

I was part of a team responsible for the development and maintenance of the Sales trading System. I was involved in loading large amounts of data into the Data Warehouse application and creating various **SSRS** reports for traders, clients, and brokers.

Responsibilities:

- Created **SSIS** package to load data from XML Files, **SQL Server** to **SQL Server** 2016/2017 by using **Lookup, Derived Columns, Condition Split, aggregate, Pivot Transformation, Execute SQL Task and Slowly Changing Dimension**.
- Designed and developed physical and logical Data Models using **Erwin** and also responsible for Forward Engineering in Data Modeling.
- Defined and designed database in business requirements and provided documentation.
- Designed and developed end-to-end business intelligence solutions using Power BI and Azure Data Factory.
- Designed, developed and supported many **Tables, Stored Procedures, and Triggers** on **SQL server**.
- Worked closely with data modeler to create data model for or modified existing data model to support different reports running on business objects and **SSRS**.
- Developed Validation Plans for **SSIS** packages for checking the functionality of each component and Code review.
- Used **SSIS** to create ETL packages to **Validate, Extract, Transform and Load** data to Data Warehouse.
- Planned and executed **SSIS** Package step process to load data, validate data and Recommending task to resolve performance issues with loading data into the Data Warehouse.
- Implemented performance-tuning techniques, such as query optimization and indexing, to enhance the efficiency of data extraction processes.
- Modified the existing **SSIS** packages, **Script Component Task** to meet the changes specified by the users and added columns to the newly designed table and to the existing table.

- Scheduled Jobs for executing the stored **SSIS** packages, which were developed to update the database on a daily basis using **SQL Server** Agent.
- Worked closely with business users and analysts to understand reporting requirements, translating them into technical specifications for Power BI and Azure Data Factory pipelines.
- Worked in setup auditing, logging environment to track the status of the events like error raise, task failure.
- Designed tool to **Automatic added Derived column, Parameter and Configuration** value to the package.
- Working with Team Foundation **Server** as the source for version control and project / issue management
- Designed, Developed and Deployed reports in MS **SQL Server** environment using **SSRS-2017**
- Created Custom Columns using M-query language, to have all the data compressed before moving to Power BI Desktop for further analysis.
- Created complex measures using DAX functions and variables, such as SUMMARIZE, SUMMARIZECOLUMNS, ADDCOLUMN, COUNT, SUM, SUMX, COUNTROWS, DISTINCTCOUNTNONBLANK, created virtual tables using DAX variables, and so on.
- Created reports to retrieve data using function, views, cube and Stored Procedures using parameters. Created various database objects like **stored procedures, functions, tables, views, and triggers**.
- Fine-tuned **SQL** Queries for maximum efficiency and performance using **SQL** Profiler and Database Engine Tuning Advisor.
- Provided documentation for all kinds of **SSIS** packages.
- Designed and implemented Stored Procedures and Triggers (DDL & DML) for automating tasks.

Environment: - MS **SQL Server** 2017/2018, (SSMS, **SSIS**, **SSRS**), XML, MS Excel 2016, MS Access 2007 & Windows **Server** 2008, **SQL** Profiler,

IMS Health, Milwaukee, WI

Jan 2019 -

Sep 2020

MS **SQL /**SSIS**/**SSRS**/ETL Developer**

The goal of our project was to extract data from various heterogeneous sources DB to Oracle **SQL server** and load it into **SQL server** data warehouse by using **SQL server** integration and to create a cube from the data warehouse and to generate a report by using **SQL server** reporting services.

Responsibilities:

- Worked closely with Business Analyst, Team Leader, DBA and Technical Manager in order to gather requirements for design and implementation of databases for their existing customers as well as new online customers.
- Used Joins, correlated and non-correlated subqueries for complex business queries involving multiple tables from different databases and implemented **triggers and stored procedures** and enforced business rules via checks and constraints.
- Created indexes on selective columns to speed up queries and analyses in **SQL Server** Management Studio.
- Reduced the T-**SQL** overhead successfully by avoiding unnecessary use of the union statement & using the TOP operator to limit the Select Statement in certain Queries.
- Created views to restrict access to data in a table for security.
- Designed **SQL SSIS** Packages to extract data from various data sources such as Access database, Excel spreadsheet, and flat files into **SQL Server** 2016 for further Data Analysis and Reporting by using multiple transformations such as **Data Conversion, Conditional Split, Bulk Insert, Merge and Union all**.
- Wrote MDX queries to access data from OLAP cubes.

- Involved in Report Design and Coding for Standard Tabular type reports, including Drill down and Drill through functionality and Graphical presentations such as Charts and Dashboard type matrix using **SSRS**.
- Used complex expressions to Calculate, Group, Filter, Parameterize, and Format the contents of the report.
- Created **Crosstab and Sub-Report** using RDL and promoted RDLs to Reporting Service **Server**.
- Scheduled **monthly/weekly/daily** reports to run automatically.
- Worked on querying data and creating on-demand reports using Report Builder in **SSRS** reports and sending the reports via email to the customers for their value of funds.
- Developed complex **Stored Procedures and views** to generate various **Drill-through reports, parameterized reports and linked reports** using **SSRS**.
- Scheduled and maintained **nightly and weekly loads** of data by creating the corresponding job tasks for their online customers.
- Enhanced performance using optimization techniques-normalization, indexing and Transaction Isolation levels, monitoring logs to ensure the completeness of batch processes and scripts.

Environment: - MS **SQL Server** 2016/2014, T-**SQL**, MS. EXCEL 2016, MS Access, Microsoft **SQL Server** Reporting Services (**SSRS**), Microsoft **SQL Server** Integration Services (**SSIS**)

Bank of America, Charlotte, NC
2018 - Dec 2018

Jan

MS **SQL /**SSIS**/**SSRS** Developer**

The objective of the project was to load trading data into a Data Warehouse application. After loading the data into Data Warehouse, I have created various **SSRS** reports for Traders, Clients, Brokers, Products.

Responsibilities:

- Worked on **SQL Server** development including writing **T-SQL** Queries and creating **SQL Server** objects like **Stored Procedures, User-defined Functions, Views, Triggers**, implementing T-**SQL** relational database models and data integrity.
- Developed highly optimized **SQL** stored procedures, functions, and **database views** to implement the business logic and **created clustered and non-clustered indexes**.
- Monitored and enhanced performance by using execution plans and **SQL Server Profiler**, implementing **query optimization**.
- Involved in Migrating Objects from **SQL** Data warehouse to **Star Schema**.
- develop ETL pipelines in and out of data warehouse using combination of **Python** and **Star Schema**.
- Provided support for data load process from **SQL Server** to **Star Data warehouse**.
- Involved in creating security **Entitlement table** for **Star** from **Active Directory** users and **Okta** users.
- Responsible for implementation of **data viewers, Logging, error configurations** for **error handling** the packages. Involved in complete life cycle in creating **SSIS** packages, **building, deploying** and executing the packages in both the environments (**Development** and **Production**).
- Created **SSIS** package to load data from **Flat Files, Excel** and **XML Files** to Data warehouse and Report-Data mart using **Lookup, Derived Columns, Sort, Aggregate, Pivot Transformation**, and **Slowly Changing Dimension**.
- Used various **SSIS** tasks such as **Conditional Split, Multicast, Fuzzy Lookup** etc., which did Data Scrubbing, including data validation checks during Staging, before loading the data into the Data warehouse.
- Retrieved data into Data warehouse via **SSIS** package from many platforms like **Oracle server, Salesforce, Epsilon**.

- Used **Time Frame** connector into **SSIS** package to update, delete and insert data into **Salesforce**.
- ETL, data profiling, data quality and clean ups for **SSIS** packages.
- Developed **C#** scripting for **Script component task** in **SSIS** packages.
- Worked with **SQL Server Job Agent** to schedule packages, run and monitor them.

Environment: MS **SQL Server** 2012/2008, **SSRS/SSIS**, Microsoft Office SharePoint **Server** 2007/2010, Crystal reports, T-**SQL**, Windows 2007.

Datagrid Software Solutions, India
2014 - July 2017

March

MS SQL /SSIS/SSRS Developer

The goal of the project was to migrate **sql server** databases by using **sql server** integration services to load data into the Data Warehouse and in order to generate various reports we use **sql server** integration services.

Responsibilities:

- Used Joins, correlated and non-correlated subqueries for complex business queries involving multiple tables & calculations from different databases.
- Involved in designing the physical database model on **SQL Server** 2008 RDBMS using different Data Definition and Manipulation languages (DML/DDDL) implementing constraints and triggers for data integrity.
- Created **SSIS** Packages using **Pivot Transformation, Fuzzy Lookup, Derived Columns, Condition Split, Term extraction, Aggregate, Execute SQL Task, Data Flow Task, and Execute Package Task** etc. to generate underlying data for the reports and to export clean data from Excel Spreadsheets, Text file, MS Access and CSV files to data warehouse.
- Created OLAP Cubes and was responsible for OLAP processing, Optimizing Dimensions, creating hierarchies and adding the Aggregations to the Cube.
- Performed partitioning of cubes as well as cube optimization in order to increase the performance of cubes.
- Created complex queries to automate the data profiling process needed to define the structure of the pre staging and staging area.
- Designed and developed **matrix and tabular reports with drill down, drill through** and drop-down menu option using **SSRS**.
- Created interface stored procedures used in **SSIS** to load/transform data to PRMS
- Increased the performance necessary for statistical reporting by 25% after performance monitoring, tuning and optimizing indexes.
- Generate **Parameterized reports** and linked reports using Bookmark links and Hyperlinks.
- Created subscription for the windows file share and implemented three-layer securities for the reports, **SSRS** website, and in the Intranet web application.
- Created Alerts for successful or unsuccessful completion of scheduled Jobs
- Diagnosing and tuning the **server** optimal performance using **SQL server** 2008 Dynamic Management Views (DMV), Profiler and database engine tuning advisor.

Environment: - Microsoft **SQL Server** 2008 Enterprise Edition, T-**SQL**, **SQL Server** Reporting Services, **SQL Server** Integration Services, **SQL Server** Analysis Services, Windows **server** 2008 and IIS 5.0, Visual Source Safe.

Education:

Masters in Computer Science

Bachelors in Computer Engineering

Milind Bandu

- Edison, NJ, US

Contact Information

- g1y-ag7-909@mail.dice.com
- 9734469450

Work History

Total Work Experience: 10 years

- Senior MS **SQL Server/SSIS/SSRS**/BI/ETL Developer Optum, Minnesota
Nov 01, 2023
- Sr. MS **SQL / SSIS/SSRS**/ETL Developer/ Power BI Developer BCBS, Newark, New Jersey
Mar 01, 2022
- MS **SQL/SSIS/SSRS**/ETL Developer/ Power BI Developer Fidelity Investments, Durham, NC
Oct 01, 2020
- MS **SQL/SSIS/SSRS**/ETL Developer IMS Health, Milwaukee, WI
Jan 01, 2019
- MS **SQL/SSIS/SSRS** Developer Bank Of America, Charlotte, NC
Jan 01, 2018
- MS **SQL/SSIS/SSRS** Developer MS **SQL/SSIS/SSRS** Developer
Mar 01, 2014

Education

- **Bachelors** | Bachelor's In Computer Applications
- **Masters** | Master in Computer Applications (MCA)

Skills

- **1.a professional with 8 years** - 10 years
- **2.excellent experience delivering** - 9 years
- **3.strong knowledge of data warehousing** - 9 years
- **4.highly proficient in using t-sql** - 9 years
- **5.strong ability in data warehousing** - 9 years
- **cubes** - 9 years
- **data flow** - 9 years
- **data warehouse** - 9 years
- **database** - 9 years
- **ddl** - 9 years
- **dml** - 9 years
- **etl** - 9 years
- **microsoft access** - 9 years
- **microsoft excel** - 9 years
- **microsoft sql server** - 9 years
- **microsoft ssis** - 9 years
- **microsoft ssrs** - 9 years
- **optimization** - 9 years
- **rdbms** - 9 years
- **reporting** - 9 years
- **sql** - 9 years
- **stored procedures** - 9 years
- **transact-sql** - 9 years
- **transformation** - 9 years

Work Preferences

- Desired Work Settings: Remote or On-Site or Hybrid
- Likely to Switch: True
- Willing to Relocate: True
- Travel Preference: 100%
- Work Authorization:
 - US
- Work Documents:

- Have H1 Visa
- Desired Hourly Rate: 70+ (USD)
- Security Clearance: True
- Third Party: True
- Employment Type:
 - Contract - Corp-to-Corp
 - Contract to Hire - Corp-to-Corp

Profile Sources

- Dice: <https://www.dice.com/employer/talent/profile/dcbdff1025e8b15c311da2ea4732348>