**Abishek Jain**

**Sr. MSBI Developer**

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**PROFESSIONAL SUMMARY:**

* Over **7.9 years** of IT experience in the use and **development, design, support** and migration of **Microsoft SQL Server database**. Development using **MS SQL Server** and products **SSIS**, **SSRS**, and **SSAS**.
* Transformed data from one server to other servers using tools like **Bulk Copy Program** (BCP), **Bulk Insert, Data Replication, Data Transformation Services** (DTS) and **SQL Server Integration Services** (SSIS).
* Creating **VBA programs** to automatically update Excel work books used **Macros and Formula** to speed up processes and maximize accuracy.
* Created multiple **dashboards** and various reports in **Power BI** like **Tabular Reports**
* Good Knowledge of RDBMS and Data Warehouse Concepts, **OLTP, OLAP**.
* Proficient in SQL Server and **T-SQL (DDL and DML**) in constructing Tables, Normalization techniques on database Tables.
* Expertise in creating, modifying, using and **debugging Stored Procedures**, Views, User Defined Functions.
* Good understanding of Inmon **top-down approach** and Kimball **bottom-up approach**
* Strong Knowledge of **Normalization/De-Normalization** and Data Modeling.
* Highly proficient in the use of T-SQL for **developing Triggers, Views, Functions, Data Cleansing, Relational Database models** and Data integrity, and SQL joins.
* Expertise in **Performance Tuning, Optimization**, Data integrity, and Statistics by using SQL Profiler
* Very Proficient in **SQL Tuning** and Optimization of Queries.
* Experience in Creating and managing **Event Handlers**, power Package Configurations, **Logging,** System and User-defined Variables for SSIS packages.
* Creating SSIS solutions **for ETL and Business Intelligence process** for Data Integration and Migration Services.
* Expert in designing (development) and deployment of SSIS package from various sources like **MS Access, Oracle, Excel, Microsoft SQL Server, flat file, and XML**.
* Excellent in High-Level Design of ETL DTS Packages& SSIS Packages for integrating data using OLE DB connection from various sources like **Look-ups, Fuzzy Look-ups, Aggregate Functions, Merge Join, Conditional Split, Data Conversion, Derived Column, Event Handlers, and Error Handlers** etc.
* Also Supported team in resolving SQL Reporting services and **T-SQL** related issues and Proficiency in creating S types of reports such as Cross-Tab, Conditional, **Drill-down,** Top N, Summary, Form, **OLAP and Sub-reports**, and formatting them.
* Expert in writing **Parameterized Queries** for generating Tabular reports and Sub reports using Global variables, Expressions, and Functions, Sorting the data, Defining Data sources and Subtotals for the reports using **SSRS**.
* Experience in **Troubleshooting** Report Processing, Subscription, Delivery, and Configuration Problems.
* Proficient in building **Cubes,** defining **Referenced Relationships** and creating **Hierarchies** in **SSAS.**
* Expertise in creating **Cell Level Security** in cubes using **SSAS.**
* Expertise in creating **Perspectives**, **Partitions** and **Design Aggregations** in cubes using **SSAS.**
* Expertise in creating **Dashboard Reports** to support end users using **SSAS**
* Expertise in implementing efficient **Disaster Recovery Strategies** and High availability like **Replication, Log shipping, clustering (Active/Passive)** and **Database Mirroring.**
* Worked on administration tasks such as data loading, batch **jobs**, data unloading, **backup** & **Recovery**, user and application table management, upgrades, creating databases/**File groups**/files/**Transaction logs.**
* Developed ETL process using SSIS with various **Control flow, Data flow tasks and Stored Procedures** for the work order validation process.
* Expert in calculating measures and dimension members using the Multidimensional Expression **(MDX)**, mathematical formulas, and user-defined.
* Familiar with work environment **Agile methodology and Scrum meeting**.
* Extensive knowledge in **Tuning T-SQL queries** to improve the database performance Wrote VB.Net code for various SSIS Packages also valuable experience in developing **Power BI** dashboard using **Share point**.
* Involved in **Data Warehousing Concepts** and **Data Modeling Techniques** like **Dimensional Data Modeling, Star Schema Modeling,** and **Snow-Flake Modeling**
* Experience in report writing using **SQL** Server Reporting Services **(SSRS)** and creating several types of reports like **Dynamic, Linked, Parameterized, Cascading, Conditional, Table, Matrix, Chart, Document Map** and **Sub-Reports**.
* Experience in building, deploying and managing applications on **Microsoft Azure Cloud computing platform**.
* **Very Good Communication skills**, Good interpersonal skills & desire to excel, fast learner, **efficient in handling multiple projects, hardworking** and a versatile team player.

**Technical Skills:**

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| **Languages** | SQL, T- SQL, HTML, XML, PL/SQL, Oracle 9i/10g/11g, MySql, data warehouse, DB2 |
| **Databases** | SQL Server 2014/2012/2008/2005/2000/7.0, MS Access |
| **Analysis/Reporting Tools** | SQL Server Reporting Service (SSRS), SQL Server Analysis Service (SSAS) |
| **ETL Tools** | SSIS (SQL Server Integration Services), DTS (Data Transformation Services), Import Export Data |
| **Data Modeling Tools** | Erwin, Visio |
| **Testing** | Unit Testing, Performance Testing, Integration Testing, Stress Testing |
| **Other Software** | MS Office- 2013/2010/2007/2003 |
| **Operating Systems** | Windows 2003/XP/Vista/8.0/8.1/10 |
| **Database Tools** | SQL Query Analyzer, SQL Enterprise Manager, Management Studio, SQL Server Query Editor, Solution Explorer, Analysis Manager, Reporting Server |

**Work Experience**

**Client: Stewart Title, Houston, TX Apr 2017 - Present**

**Role: SQL/SSIS/SSRS/SSAS/POWER BI Developer**

**Key Responsibilities:**

* Responsible for gathering and defining user report requirements and developing appropriate Interfaces for the **Reporting Infrastructure** Environment to meet customer business needs, based on business processes and data entities between various systems.
* Supported front-end team in **Designing and Developing** custom web and console applications as per client requirements and specifications.
* Developing complex SSIS packages using different data transformations like **Aggregate Conditional Splits, Lookup, Sort, Merge Join, Data Conversions, Derived Columns, Multicasting, Slowly Changing Dimensions, Scripting, OLEDB Command** with **SQL** etc.
* Actively involved in writing **SQL Stored Procedures, functions, and triggers** for updating customer usage information in the database
* Developing **SSIS** packages that upload multiple flat files using **For each Loop Container** and uses other control flow tasks like **File System task, FTP task, Send Mail Task, Script Task** etc.
* Improving the database performance by creating and using both **Clustered** and non-**Clustered Indexes** and by optimizing **T-SQL** statements. Using **Azure** portal to audit and analyze the events during a particular time horizon and stored in the script.
* Created ETL process using **SSIS** to transfer data from heterogeneous data sources by extensively using **PIVOT** to normalize the data also combining data from different sources using **UNION ALL**.
* Worked with Marketing department to improve the external and internal website and posting latest updates.
* Developing **SSIS packages** that upload multiple flat files using For Each Loop Container and uses other control flow tasks like **File System task, FTP task, Send Mail Task.**
* Utilized **Power BI** for Office 365 to amplify data visualizations with collaboration and data management.
* Generated ad-hoc reports in Excel Power Pivot and sheared them using **Power BI** to the decision makers for strategic planning.
* Created effective reports using visualizations such as Bar chart, Clustered Column Chart, Waterfall Chart, Gauge, Pie Chart, Tree map etc. in **Power BI**.
* Actively involved in developing Complex SSRS Reports involving Sub Reports, Matrix/Tabular Reports, Charts, and Graphs.
* Used **Execution Plan, SQL Profiler and Database Engine Tuning Advisor** to optimize queries also trimming lengthy queries by replacing sub queries with **JOINS** to enhance the performance of Databases.
* Created and managed Database(s) on **SQL AZURE.** Setting up Connection Strings and connecting SQL Server Azure Databases from locally Installed SQL Server Management Studio.
* Generated reports using **SSRS, Power Pivot, and Power BI** that could be used to send information to a diverse group of users, clients, and managers
* Implemented **Event Handlers** and **Error Handling in SSIS packages** and notified process results to various user communities.
* Scheduling Daily, Weekly and Monthly **SSIS package** execution process using SQL Server Agent jobs.

**Environment:** SQL Server 2016/2014/2012,Visual Studio2017, 2015,2013, Framework 4.5, C#.Net, XML, Entity Framework, Microsoft Office, Excel, Word, Windows server 2010,Business intelligence development studio, Tableau 10.4,SQL profiler, MS Visio-SQL, DTS, Data Analyzer.

**Client: Home site Insurance, Boston, MA Dec 2015 - Mar 2017**

**Role: MS SQL/MSBI Developer (SSIS, SSAS, SSRS)**

**Key Responsibilities:**

* Understanding the business requirement and functional specification of the client module also supporting Front-End team to improving the Application.
* Developed **DTS** packages from **SQL** Legendary tasks on **SQL Server Management Studio** to load the data from flat files and Source tables into **SQL** databases.
* Created and managed **Schema objects** such as **Tables, Views, Indexes, Procedures,** and Triggers in the database.
* Used **SSIS** and **T-SQL** stored procedures to transfer data from **OLTP databases** to the staging area and finally transfer into data marts and performed an action in **XML**.
* Extensively worked on three stages of enterprise reporting like Authoring, management, and delivery using **SSRS**.
* Strong experience in database installation, capacity planning, implementing backup and recovery strategy for application and database.
* Raising the change management request and following up with the customer approval, for making any changes in the production server
* Developed a methodology for the ongoing assessment of database performance and the identification of problem areas.
* Responsible to tune **ETL** procedures and schemas to optimize load and **Query Performance.**
* Worked on **Agile Methodology** throughout the project, performed a decisive role in developing and planning as well as coordinating with assigned sprints.
* Actively involved in developing Complex **SSRS** Reports involving Sub Reports, Matrix/Tabular Reports, Charts
* Developed scorecards/reports for the system using **Power BI**
* Explored data in a variety of ways and across multiple visualizations using **Power BI**
* Used Tableau to develop dashboards for more intuitiveness as per the user requirements also created the documentation for the team on project technical details.
* Involved in 24X7 On-call production support and fixing production issues. Experience working with live site production issues.

**Environment**: MS SQL Server 2014,.Net 3.0, SQL BI Suite (SSIS), XML, MS Excel, MS Access 2014& Windows Server 2010, SQL Profiler, DTS, Data Analyzer, SQL Server Data Tools/BI (SSDT), Red Gate SQL Source Control, TFS, Remote Desktop Connection (RDC), Windows Server 2010 R2, SharePoint and Windows 10,Tableau., SQL Profiler.

**Client: TargetX, Conshohocken, PA Mar 2014 - Nov 2015**

**Role: MS SQL Developer/ (SSIS/SSRS) Developer**

**Key Responsibilities:**

* Requirement gathering and analyzing data sources. Assisted in design and implementation of Database.
* Experienced in Data Extraction, Transforming and Loading **(ETL)** using various tools such as **Data Transformation Service (DTS), SSIS, SSRS, Bulk Insert**.
* Scheduling Daily, Weekly, and Monthly **SSIS** package execution process using **SQL** Server Agent jobs
* Working closely with the Actuarial department on loading and analysis of Claims data on daily basis.
* Designing claims reconciliation, validation and analysis reports for accounting and actuarial departments.
* Taking **Database Full Backup, Transaction log backup** & **differential backup** in daily routine.
* Traced long running queries and deadlocks using **SQL** Profiler.
* Automated Stored Procedures to load data into staging and production environments in a timely manner using **SQL** Server Agent.
* Worked on **Power BI** and prepared dashboards to make it more attractive and explored data in a variety of ways and across multiple visualizations using **Power BI**.
* Involved in Installation, Configuration, and Deployment of Reports using **SSRS**.
* Scheduled the reports to run on daily, weekly basis in the report manager.

**Environment:** SQL Server 2012/2008 R2 Enterprise Edition, SQL Server Business, Intelligence Development Studio (Visual studio)2010/2012 (SSIS, SSRS), DTS, Data Analyzer, TSQL,SQL profiler, Tableau, MS Share Point Server, Azure, MS Word, MS Excel.

**Client: Staples Inc Corporate HQ CA, Dec 2012 - Feb 2014**

**Role: MS SQL Server Developer (SSIS, SSRS)**

**Key Responsibilities:**

* Worked closely with Business analyst to analyze and understand the requirements.
* Creating flowcharts, data flow diagrams and support documents with a detailed description of each new module.
* Created Data model as per User requirements and studied the source system using Star Schema and Erwin.
* Designed various kinds of reports like Linked, cascaded and parameterized reports and Worked on **Drill Down and Drill-through** Reports using **SSRS**.
* Deploying these reports to share point site and adding filters, web parts
* As part of a Development team worked mostly on Integration Services, database migration planning, performance evaluation, migration process from development to production.
* Created views and indexed views as required by front-end developer for easier implementation.
* Created stored procedures and functions to support data storage and manipulation.
* Used linked/replicated servers and high-volume data storage.
* Converted the DTS Packages into **SSIS** using Migration Wizards.
* Interacting with the client directly to get the requirements and explain the project status.
* Publishing the reports in the share point site

**Environment:** SQL Server 2008R2, MS Visual Studio, Microsoft office 2007, Microsoft Excel 2007, MS Access, SQL Server Query Analyzer, Windows 2007 server, java 1.5 platform., Tableau, Excel, Word, SQL Profiler, MS Share Point Server, Azure, DTS, SQL Server Enterprise Manager

**IDEA Cellular, India Oct 2010 –Nov 2012**

**SQL Developer (India)**

**Responsibilities:**

* Worked as a developer on databases like **MS SQL Server 2005**, MS Access.
* Installed and maintained **MS SQL Server 2005**.
* Created Database Objects – Tables, Indexes, Views, User-defined functions, Cursors, Triggers, Stored Procedure, Constraints, and Roles.
* Analyzed and prepared Statement of Work and Requirement Definition Document.
* Extensively developed **SQL** Procedures, Functions, Triggers and Packages.
* Tuned and Optimized **SQL** Queries using Execution Plan and **SQL** Profiler.
* Troubleshooting performance issues and fine-tuning queries and stored procedures.
* Develop **SQL** Server Agent jobs and packages to populate data.
* The packages created included a variety of transformations, for example Slowly Changing Dimensions, Look up, Aggregate, Derived Column, Conditional Split, Fuzzy Lookup, Multicast and Data Conversion.
* Involved in performing database Backup and Recovery.
* Created and manipulated many small and Complex packages to perform **ETL** operations.
* Developed and optimized database structures, stored procedures, Dynamic Management views, DDL triggers and user-defined functions.

**Environment:** SQL Server 2008/2008R2, T-SQL, DTS, MS-Excel, Windows 2000/2003, Visual Studio 2008/2010, SQL Server Enterprise Manager, SQL Server Query Analyzer, SQL Profiler, MS Visio, Data Analyzer, MS Excel, Word.

**Education:** Bachelor’s in Technology from NIT- Durgapur, India.