**Nidhi Anil Deshmukh**

**SUMMARY:**

* A professional 10 Years of IT experience in the Analysis, Design, Development, Administering, Implementing and Testing Client/server application using Microsoft SQL Server and BI suite (Development, QA, UAT and Production Environment).
* Extensive experience with different phases of project life cycle (Analysis, Design, Implementation, Testing, and debugging new and existing client-server based applications).
* Highly proficient in the use of T-SQL for developing complex Stored Procedures, Triggers, Tables, User Defined Functions, views, indexes, user profiles, Relational Database models, Data integrity, query writing and SQL joins.
* Wrote and modified stored procedures/Triggers (DML/DDL) to implement complex business rule.
* Involved in developing stored procedures, triggers for the application.
* Experience in MS Business Intelligence suite of products like SSIS and SSRS.
* Expertise in Creating, Configuring and Fine-tuning ETL workflows designed using SSIS of MS SQL Server 2016/2014/2012/2008R2/2008.
* Designed and developed ETL process using SSIS to load data from various sources like Oracle, MS Access and DB2 into SQL Server 2016, 2008 R2/ databases.
* Created SSIS packages with Error handling, notifications and package configurations.
* Created audits/logging for SSIS packages on task level and package level.
* Designed, deployed, and maintained of various SSRS Reports. Created reports using SQL Server Reporting.
* Proficient in creating sub reports and defining query for generating drill down reports using MS SQL Server Reporting Services 2016/2014/2012/2008R2/2008 (SSRS).
* Highly skilled in writing Parameterized Queries for generating parameterized reports and Sub reports using global variables, Expressions, and Functions, Sorting the data, Defining Data sources and Subtotals for the reports using SSRS 2016/2014/2012/2008R2/2008.
* Hands on experience with Database development in OLTP and OLAP.
* Expert in Data Conversion, Normalization and Data Modeling, Multi-Dimensional Modeling and involved in creation of Fact Tables, Dimension Tables, Star Schema and Snowflake dimensional schema using Erwin Tool.
* Familiar working with both Waterfall and Agile Methodology.
* Expert in using tools like MS SQL Profiler, Windows Performance for monitoring and tuning SQL Server performance.
* Maintained positive communications and working relationships at all business levels.

**EDUCATON**

Bachelors in Computer Science and Engineering

**TECHNICAL SKILLS**:

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| --- | --- |
| **Databases** | MS SQL server 2016/2014/2012/2008R2/2008, MS Access, Oracle |
| **ETL Tools** | SQL Server Integration Services (SSIS), SQL Server DTS |
| **SQL Server Tools** | SQL server Management Studio, SQL server Query Analyzer, SQL Job Agent, Database Tuning Advisor, Index Tuning, SQL Query Analyzer,, SQL server profiler. |
| **Data Modeling Tools** | Erwin, Microsoft Visio |
| **Other Tools** | Team Foundation Server, Microsoft Visual Source Safe, Microsoft Office, MS Visio, MS Excel, MS Word, MS PowerPoint, Jira, SharePoint |

**PROFESSIONAL EXPERIENCE:**

**Client: IQVIA, Parsippany NJ**

**Duration: April'18- Till Date**

**Role: Senior MS SQL Server/SSIS/SSRS/BI Developer**

Any new products launch to the market by manufacturer like GALXO, PFIZER, JNJ, NOVARTIS etc. will monitor sales of the product. How RX data was processing , and how retail, mail etc. different channels sales are processing based on NSP(National sales perspective) data NPA(National prescription Audit) data calculated based on DDD(distribution data) codes i.e. retail sales data. Through Product, manufacturer, USCS code, USCS description, we monitor the sales of the new products.

**Responsibilities:**

* Developed database objects such as Stored Procedures, CTE, Functions, Tables, Triggers and Indexes using T-SQL
* Used various SSIS task such as conditional split, derived column, which did data scrubbing, including data validation checks during staging before loading data to data warehouse and data marts
* Worked on SSIS Packages using SQL Scripts, Execute SQL task, Slowly Changing Dimension, XML task etc.
* Maintain historical data in data warehouse used ETL to implement the slowly changing transformation
* Used Team Foundation Server (TFS) to manage source code and deployed application on TFS server
* Implemented Team Foundation Server TFS as Version Management for Microsoft Technologies
* Design and develop SSIS packages, store procedures, configuration files, tables, views, and functions; implement best practices to maintain optimal performance
* ETL through SSIS and responsible for loading Data to DB from different input sources
* Built SSIS packages with EXCEL and FLAT file source with validations to capture any kind of errors in the source.
* Scheduling jobs for SSIS Packages as per client requirement like daily, monthly etc.
* Created SSIS packages to Extract, Transform and load data using different transformations such as Lookup, Derived Columns, Condition Split, Aggregate, Pivot Transformation, and Slowly Changing Dimension, Merge Join and Union all.
* Developed Custom Logging so user can know when a row is inserted in custom logging table by every SSIS package that executes.
* Tabular reports, Matrix reports and linked reports using SSRS.
* Wrote complex Expressions and Calculations for SSRS reports with Conditional Formatting.
* Monitoring Performance of SQL server using SQL Profiler, Query Analyzer, Database Engine Tuning Advisor (DTA) and Performance monitoring.
* Documented all work, so user can easily understand the flow of process.

**Environment:** MS SQL Server 2016, MS Visual Studio, SQL Server Integration Services (SSIS),SQL Server Reporting Services, Team Foundation Server, Jira, MS Office (Word, Excel, PowerPoint), SharePoint**.**

**Client: United health Group, Hartford, CT**

**Duration: Feb'17 to March'18**

**Role: MS SQL Server/SSIS/SSRS/BI Developer**

Major roles involve managing contracts database of clients and the insurance membership database of customers .Policy holder database also had one section which is called Claims that also I use to handle. I.e. Claims Management

**Responsibilities:**

* Created SSIS Packages to Extract, transform and load data from various sources in the Company into the Enterprise Data Warehouse.
* Filtered data from Transient Stage to EDW by using Complex T-SQL statements in Execute SQL Query Task and in Transformations and implemented various Constraints and Triggers for data consistency and to preserve data integrity.
* Used For-Each Loop Container, Sequence Container, Script task, Expressions, Execute SQL task, Send Mail Task, Package Execution task to achieve business needs.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database
* Created packages in SSIS with error handling as well as created complex SSIS packages using various data transformations like conditional split, fuzzy look up, for each loop, multi cast, column conversion, fuzzy grouping, and script components for de-duplication of data.
* Modified existing databases by adding/removing tables there by altering referential integrity, primary key constraints and relationships according to requirements
* Created and modified various Stored Procedures used in the application using T-SQL.
* Scheduled and maintain packages by daily, weekly and monthly using SQL Server Agent in SSMS.
* Developed complex Stored Procedures to generate various Drill-through reports, Parameterized reports, Created and worked with different development environments such as UAT, Prod, Dev and so on.
* Worked in an agile scrum methodology.
* Created SSRS report for other departments in accordance to the business requirement
* Worked with SSRS report to help check for discrepancies between data sources and data warehouse.
* Participated in requirement gathering and backlog grooming for task to be assigned
* Created and monitor Sql Agent job to run and refresh data at the scheduled times.
* Performance tuning of SQL queries and stored procedures using SQL Profiler and Index Tuning Wizard.
* Used SharePoint for document repository and TFS for source control to store all the related work and report the same by creating Tasks in TFS.
* Created Data dictionary for the Integration packages.

**Environment:** MS SQL Server 2014, MS Visual Studio, Business Intelligence Development Studio, SQL Server Integration Services (SSIS),SQL Server Reporting Services (SSRS)**,** SQL**,** SharePoint, Team Foundation Server, Agile.

**Client: Evercore, New York City NY**

**Duration: Aug'15 to Jan'17**

**Role:**  **SQL Server/SSIS/SSRS Developer**

This application helps in maintaining the mutual funds and keep track of all the information related to investor and investment, and all the trade.

The Project task was to implement and migrate existing database to SQL Server, especially by using integration services and Extract, Transform Load (ETL) tools. The Data warehouse built for the products helps to manage data, customer and order information and is helpful in creating reports.

**Responsibilities:**

* Created entity relationship (ER) diagram for proposed database to display the various relationships between entities
* Created database objects such as tables, Views, Stored procedures, functions, triggers etc during the development of the database and to serve customized functionality as needed
* Developed codes with better performance by testing and ensuring code run at optimal while keeping in mind blocking and deadlocking situation and creating codes to avoid such scenario
* Designed and developed dynamic SSIS package to perform extract, transform and load (ETL) data across different platforms, validate the data and achieve the data files into the database
* Extensively worked with SSDT to create SSIS packages and created data mappings using different SSIS transformations such as Conditional Split, Lookup, Merge, Multicast, Slowly changing Dimension, OLE DB Command, Derived Column
* Experience working with different package configuration types such as Project Package configuration, XML configuration etc
* Created error handling on packages by redirecting errors, error Log shipping and saving error log in RDBMS
* Perform Unit testing of codes and packages with self-generated sample data following guidelines specified.
* Created Sql jobs to process packages and load data at specified times and specify certain action upon failure or success of the job
* Created object documentations to serve as data dictionary to enable other developers to understand project development life cycle
* Created control field to handle package metadata
* Identify and write best possible code in case of new deployments or when rewriting code when migrating to newer version of SQL Server.
* Participate in discussions involving the application development and understand the (IRD) requirements and provide the back-end functionality for the applications.

**Environment:** SQL Server 2014,MS SQL Server 2008 Enterprise Edition, SQL Server 2012,sql server reporting services 2014, sql server integrating services2014, T-SQL, Erwin , SQL Server Integration Service (SSIS).

**Client: Guardian Life Insurance, New York City, NY**

**Duration: May'13 to May'15**

**Role: SQL Server/SSIS/SSRS Developer**

The project mainly dealt with creating SSIS packages, generate reports by extracting data from heterogeneous sources and checking the performance tuning of stored procedures, troubleshooting and maintenance.

**Responsibilities:**

* Involved in writing stored procedures, Triggers, User-defined Functions, sub-queries, views and Cursors for both Online and Batch requests handling business logic and functionality of various modules. Experience in creating joins for complex queries involving multiple tables.
* Implemented the Error handling in the Stored Procedures and SQL Objects and also modified already existing stored procedures, triggers, views, indexes depending on the requirement.
* Involved in query optimization and tuning stored procedures for better performance.
* Worked on Huge Data Transfers from & to SQL Server Databases using utilities / tools like SSIS, BULK INSERT etc.
* Configured and maintained Report Manager and Report Server for SSRS.
* Experience in creating Tablix Reports, Matrix Reports, Parameterized Reports, Sub reports using SQL Server Reporting Services 2012.
* Experience in creating ad-hoc reports Using Report Builder 1.0 and Report Builder 2.0.
* Created stylish Report Layouts and Deployed the Reports using SSRS 2005.
* Identified and worked with Parameters using complex expressions for parameterized reports in SSRS 2005.
* Built the SSRS reports from Different Databases like Oracle and SQL Server.
* Experience in configuring and deploying SSRS reports onto Microsoft Office SharePoint Server.

**Environment:** MS SQL Server 2012/2008R2/2008/2005, SQL Server Integration Services 2012, SQL Server Reporting Services 2012, Erwin 7.2, SQL Server Profiler

**Client: Lord Abbett, Jersey City NJ**

**Duration: Sep'11 to April'13**

**Role: SQL Developer**

The goal the project to manage the data for various financial products for investment purposes

**Responsibilities:**

* Responsible for creating database objects like Table, Store Procedure, Triggers, Functions etc using T-SQL to provide structure to store data and to maintain database efficiently.
* Involved in performance monitoring and tuning of TSQL queries using SQL Profiler and database engine tuning advisor.
* Created Index to optimize performance of TSQL queries.
* Performed T-SQL tuning and optimization of queries for reports that take longer execution time using MS SQL Profiler and Database Engine Tuning Advisor.
* Reversed engineer backend database to change the T-SQL scripts, create Views, Index, Stored Procedures, Triggers, CTE, Constraints and UDF to improve performance drastically.
* Responsible for optimizing all indexes, SQL queries, stored procedures to improve the quality of software.
* Created trace in SQL Profiler and used Data base engine tuning advisor for Performance tuning on stored procedures and Scripts.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database
* Created and modified various Stored Procedures used in the application using T-SQL.

**Environment:** MS SQL Server 2005/2008, VSS, Microsoft Visual Studio, SQL Server Management Studio, MS Excel, T-SQL

**Computronics Financial Services**

**June 2004 to Dec’2007**

**SQL Developer/Data Analyst**

The goal of the project was to create reports for investments products and keep track of important Key Performance Indicator

**Responsibilities:**

* Responsible for creating database objects like Table, Store Procedure, Triggers, Functions etc using T-SQL to provide structure to store data and to maintain database efficiently.
* Create Views, Index, Stored Procedures, Triggers, CTE, Constraints and UDF to improve performance
* Wrote T-SQL queries, created dynamic Stored Procedures by using input values.
* Wrote complex SQL queries using joins, sub queries and correlated sub queries to retrieve data from the database.
* Responsible for optimizing all indexes, SQL queries, stored procedures to improve the quality of software.
* Created and modified various Stored Procedures used in the application using T-SQL.
* Performed Data Profiling and Data Quality checks
* Worked with analyzing queries and creating indexes for performance tuning

**Environment:** MS SQL Server 2005/2008, Oracle 8i, VSS, Microsoft Visual Studio, SQL Server Management Studio, MS Excel, T-SQL