**SIKDAR ZAMAN**

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**SUMMARY:**

* Extensive experience of 7 + years in **database design, development and administration** with **MS SQL Server versions 2008/2005/2000/2012/2014/7.0** using **SSIS, SSAS, SSRS** in Finance, Retail and Healthcare industries.
* Conversant with all phase of **Software Development Life Cycle (SDLC)** involving Systems Analysis, Design, Development and Implementation.
* Expert in Microsoft Business Intelligence technologies like **MS SQL Server Integration Services (SSIS), MS SQL Server Reporting Services (SSRS), and MS SQL Server Analysis Services (SSAS) of MS SQL server 2005/2008/2012/2014**.
* Experienced in Logical and Physical Database design and development, Normalization, De-Normalization and **Data modeling using Erwin** and **MS SQL Server Enterprise manager**.
* Experienced in **ETL processes**, Data warehousing methodologies and concepts including star schemas, snowflake schemas, dimensional modeling and reporting tools, Operations Data Store concepts, **Data Mart** and **OLAP technologies**.
* Efficient in up gradation and migration from **MS SQL Server 2000 to MS SQL Server 2005/2008/2012/2014**.
* Hands on experience in **Database Installation, Configuration, Maintenance, Monitoring, Backup** and **Disaster Recovery procedure**and **Replication**.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Databases** | SQL Server 2014, SQL Server 2012, SQL Server 2008 R2, SQL Server 2008, SQL Server 2005, SQL Server 2000, MySQL |
| **Database Tools** | Business Intelligence Development Studio, SQL Server Integration Service (SSIS), SQL Server Reporting Service (SSRS), SQL Server Analysis Service, SQL Server Management Studio. |
| **ETL Tools** | SQL Server Integration Service (SSIS), DTS |
| **Languages** | SQL Server 2014, SQL Server 2012, SQL Server 2008 R2, SQL Server 2008, SQL Server 2005, SQL Server 2000, MS Access, MySQL, C/C++, HTML, P.H.P, JavaScript |
| **Reporting Tools** | SQL Server Reporting Service (SSRS), Crystal Report |
| **Office Tools** | MS WORD, MS EXCEL, MS VISIO, MS Power Point |
| **Operating Systems** | Windows Server 2000, Windows NT Server, Windows Server 2003, Windows XP, Windows 2008, Windows 7, Windows 8, UNIX. |

**EDUCATIONAL DETAILS:**

* BSc. Electrical and Electronics Engineering

American International University- Bangladesh(2012)

* MSc. Electrical and Electronics Engineering

University of Texas at Tyler(2016)

**PROFESSIONAL EXPERIENCE:**

**Continuum Health, Marlton, NJ June 2018 – Till**

**Role: Sr. Data Integrator/ SQl Server Developer (SQL/SSIS/C#.net/PowerShell)**

**Project Name:**

**Description:** The mission of Continuum health is to make the practice of medicine less challenging and more successful for physicians and their staff. The purpose of this project is to migrate the EDW from the old platform. Also automating regular task with help of SSIS and SQL server.

**Responsibilities:**

* Worked with T-SQL to create tables, stored procedures, indexes and user defined functions for
* complex business logic.
* Used Primary Key and Foreign Key to design the data warehouse maintaining the data mapping.
* Used execution plan to maintain the performance of the T-SQL scripts.
* Migration of Enterprise Data warehouse(EDW) to a new server.
* Reporting Daily Scrums or Standups, Sprint Check-In, Sprint Review & Retrospective.
* Created indexes on selective columns for the fast retrieval of data in SQL Server Management Studio.
* Loaded different type of Health Data into the database with SSIS.
* Loaded CSV,Flat Files, Excel Files to the Database with SSIS.
* Created an automated system to download files from the internet and loading the data to the database with SSIS package and C#.net and deployed it into the server.
* Used Script task in SSIS coded with C#.net to download and unzip process of multiple files.
* Designed SSIS Packages to extract, transfer, load (ETL) existing data into SQL Server from different environments for the SSAS cubes.
* Used Data Profiling Task in SSIS to do the data profiling of the existing data to create the new schema of the new database for migration.
* Used Event handlers to capture the run time error messages by using send mail tasks in the background upon success or failure of a package in SSIS, carried out scheduling and administering of SSIS packages.
* Involved in error handling, creating package configuration and log details using SSIS logging.
* Used .bat (Batch Files) and WinSCP to synchronize SFTP/FTP server files to network drive.
* Transferred files from network drive to SharePoint Online with Powershell using PnP-Powershell.
* Created , Modified , organized Sharepoint Online list with the help of PowerShell.
* Used File System Task in SSIS to move, copy and delete files from different folders.

**Environment:** MS SQL Server 2008 R2/2012/2014/2016, T-SQL, C#.Net, PowerShell, MS Word 2016, Visual Studio 2015, MS Excel 2016.

**Next Gen Health Care, Horsham, PA August 2017 – March 2018**

**Role: Upgrade Specialist (SQL Server Management Studio)**

**Project Name:**

**Description:** Next Gen Healthcare has a legacy of building software that improves patient care and reduces healthcare costs.The purpose of this project is conduct an upgrade or conversion to the client database because of new or mandatory software changes, a client-initiated upgrade of services and add-ons or regulatory requirements. The Knowledge Based Module (KBM) is unique to every client due to personalization of specialty and business processes, therefore a high level of technical understanding is necessary to comprehend interfaces, data mapping, user design requirements, scope and impact of content changes.

**Responsibilities:**

* Worked with T-SQL to create tables, stored procedures, triggers and user defined functions for complex business logic.
* Used Primary Key and Foreign Key to design the data warehouse maintaining the data mapping.
* Analyzed and identified complex problems with software and / or client data and/ or the software module using T-SQL.
* Used SQL Server Profiler and Database Tuning Wizard for Performance tuning and query optimization.
* Performed audits on existing databases and makes appropriate recommendations or builds new database based on client requirements.
* Maintained HIPAA (Health Insurance Portability and Accountability Act) while performing task on client’s machine.
* Maintained work request using Salesforce.
* Connected with the client with WebEx.
* Upgraded and troubleshoot NexGen E.H.R, E.P.M and integration services.
* Conduct KBM conversion/upgrade process with minimal supervision.
* Analyze and identify complex problems within the software and/or a customer’s data and/or the knowledge base. Then, work in collaboration others to determine the appropriate course of action to be taken based on the analysis performed and all possible solutions
* Identify problem areas and work with others to develop short term action plans and provide input to resolve major customer problems
* Document all analysis and actions for conversion/upgrade calls
* Exercise independent judgment to determine the appropriate course of action (fixes/solutions) to be taken based on the analysis performed and all possible solutions.
* Created indexes on selective columns for the fast retrieval of data in SQL Server Management Studio.

**Environment:** MS SQL Server 2005/2008 R2/2012/2014, T-SQL, VB.Net, Window XP, MS Word 2010, Visual Studio 2012, MS Excel 2010.

**Accupac Inc, Mainland, PA May 2016 – August 2017**

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

**Description:**Accupac is one of the nation’s leading liquid contract manufacturing company. Accupac[Work](http://www.accupac.com/about/about-us/)**with the leader in OTC and pharmaceutical contract manufacturing for liquids, creams, lotions, ointments and gels to get your product to market.**The project was focused mainly implementing a data warehouse, maintaining the database of quality assurance department and revenue department which would drive the reporting systems and analysis carried out in business to support effective decision-making.

**Responsibilities:**

* Designed and created SSIS packages to extract, transform and load data from Excel and Text to SQL Server destination using various complicated transformations like conditional split, look up, derived column, data conversion and slowly changing dimensions.
* Worked with T-SQL to create tables, stored procedures, triggers and user defined functions for complex business logic.
* Used Primary Key and Foreign Key to design the data warehouse maintaining the data mapping.
* Used SQL Server Profiler and Database Tuning Wizard for Performance tuning and query optimization.
* Developed ETL framework for processing and monitoring import of flat files in SSIS for key client.
* Organized and facilitated Agile and Scrum meetings, which included Sprint Planning, Daily Scrums or Standups, Sprint Check-In, Sprint Review & Retrospective.
* Created indexes on selective columns for the fast retrieval of data in SQL Server Management Studio.
* Provided trend reports to product development to target problem areas using SSRS.
* Used Event handlers to capture the run time error messages by using send mail tasks in the background upon success or failure of a package in SSIS, carried out scheduling and administering of SSIS packages.
* Involved in error handling, creating package configuration and log details using SSIS logging.
* Develop reports using complex formulas and to query the database to generate different types of ad-hoc reports using SSRS.
* Generated and consolidated monthly reports to drive forecast production plan with SQL report services (SSRS).
* Designed, developed and deployed Summarized, Matrix and Tabular reports with drill down and drill through features using SSRS as per the client requirements.
* Scheduled reports using SSRS to generate daily, weekly, monthly and quarterly reports.

**Environment:** MS SQL Integration Services 2014, MS SQL Server 2014, T-SQL, VB.Net, Window XP, MS Word 2010, Visual Studio 2012, MS Excel 2010, HTML, Java Script.

**BTH Bank, Tyler, TX October 2014 – April 2016**

**Role: SQL / BI Developer(SSIS/SSAS/SSRS)**

**Description:** BTH Bank is a U.S based bank holding company specializing in credit cards, home loans, auto loans, checking and saving product. In terms of total assets and deposits, BTH Bank is the one of the greatest bank holding company in East Texas. The bank has 12 capital branches around east Texas. The aim of the project was to develop, design, maintain and implement financial database and provide executive operational decision support system using SQL server and Creating reports with SQL Server Reporting Services(SSRS).

**Responsibilities:**

* Created T-SQL queries, stored procedures, user defined function and views, for faster retrieval of data by using T-SQL queries and to display specific information.
* Scripted Transact SQL (T-SQL) queries and used SQL Server Constraint (Primary Key, Foreign Key, Default, Checks and Unique).
* Delivered project needs on time and within the agreed acceptance criteria in a hybrid methodology environment as they attempted to transition to an Agile Methodology.
* Designed ETL packages for integrating data from heterogeneous sources like Excel, CSV, Flat file and Text Format data and applied various data transformation like conditional split, look up, derived column, slowly changing dimensions.
* Used check point, Break point and Logging in SSIS to debug and optimize package while developing them.
* Monitored and kept track of error logs from logging providers in SSIS.
* Generated periodic reports based on the statistical analysis of the data from various time frame and division using SQL Server Reporting Services (SSRS).
* Developed various operational Drill-through and Drill-down reports using SSRS.
* Extracted data from internal data warehouse system to SSRS.
* Worked on the Reports module of the project as a developer on MS SQL Server 2014 (using SSRS, T-SQL, scripts, stored procedures and views).
* Loaded packages from the staging table to standardized table in SQL Server 2014.
* Designed and developed cubes to create relational database using Star Schema with SQL Server Analysis Services.
* Designed new reports and wrote technical documentation, gathered requirements, analyzed data, developed and built SSRS reports and dashboard, supported general business reports and benefit plan administration processes.
* Worked with OLTP, OLAP, Data Warehouse application, star schema, dimensional modelling.
* Designed and developed stored procedures, queries and views necessary to support SSRS reports.

**Environment:** MS SQL Server 2014 (SSMS), MS SQL Server 2012 (SSMS), MS SQL Integration Services 2012, T-SQL, VB.Net, Window XP, MS Word, Visual Studio 2012, MS Excel

**MetLife Insurance, Dhaka, Bangladesh January 2013 – June 2014**

**Role: SQL Server Developer**

**Description:** MetLife Insurance is a Health Care Insurance Company. This project involved in designing and maintaining databases in development and production databases in SQL Server 2008. Optimizing security and performance of the servers are stressed by the client.

**Responsibilities:**

* Designed and implemented comprehensive Backup plan and disaster recovery strategies to ensure high availability of data.
* Responsible for database backups, database replication, encryption and database security
* Maintaining high security to patient records by creating and managing new security accounts and restricting user activity on it.
* Involved in trouble shooting and tuning of databases for its performance and concurrency using Database Tuning Advisor.
* Export/ Import data from other data sources like flat files using Import/Export of Data Transformation Services (DTS).
* Programmed database using XML language.
* Analyzing performance elated queries and tune the same using SQL Query Analyzer to optimize application and performance.
* Wrote Stored Procedures / Transact-SQL scripts, Altered/Re-indexed tables as per the business need.
* Lead the Reporting Team, dealt with business requirements.
* Involved in creating database objects like Tables, Views, Triggers, User Defined Functions and User Defined Data types by coordinating with the development team
* Assisted the development team in writing complex SQL scripts and SQL Joins
* Responsible for monitoring and making recommendations for performance improvement in hosted databases.
* Involved in index creation, index removal, index modification, file group modifications, and adding scheduled jobs to re-index and update statistics in databases.

**Environment:** SQL Server 2008, Enterprise Manager, Windows Server 2008, SQL Profiler, DTS, T-SQL, BCP, MS Excel.

**ACME Laboratories Ltd, Dhaka, Bangladesh April 2011 - December 2012**

**Role: MS SQL Server Developer**

**Description:** ACME Laboratories Ltd is a pharmaceutical company committed to helping people to improve their health by discovering and developing medicines. Project was to develop a data Warehouse to store the patent information, drug Details, research and sales information. The source data is mostly from SQL Server, which contains chemical data, molecular formulas and weight.

**Responsibilities:**

* Carried out a developer’s role on MS SQL Server 2000, MS Access databases (using DTS, T-SQL, Scripts Stored procedures and views).
* Logical and physical database development (using Erwin, normalization, dimension modeling and Enterprise manager).
* Created and automated regular jobs such as daily/weekly report generations.
* Managed and monitored system utilization.
* Developed complex T-SQL code for the application.
* Designed and implemented the stored procedures and triggers for automating tasks such as sending emails and notification.
* Worked on BIDW architecture & solutions.

**Environment:** MS SQL Server 2000, SQL Query Analyzer, SQL Developer.

**Daffodil Institute of IT, Dhaka, Bangladesh April 2010 - February 2011**

**Role: MS SQL Server Developer**

**Description:** Daffodil Institute of IT is one of the greatest educational institute in Bangladesh which provides quality education maintaining international standards to boost up the economy of the country. The aim of the project was to automate a human work flow process, maintaining student and employee information and updating files, download and process them. Data Integration Unit creates an ETL process to ensure operational databases have latest and correct information.

**Responsibilities:**

* Created T-SQL queries, stored procedures, user defined function and views, for faster retrieval of data by using T-SQL queries and to display specific information.
* Writing scripts using XML language.
* Implemented Triggers, Views, Synonyms, Hints, Partitioning of Tables, Clustered and Non-clustered indexing. Extensive work on the performance tuning.
* Loaded packages from the staging table to standardized table in SQL Server 2008.
* Designed and developed cubes using Star Schema with SQL Server Analysis Services.
* Evaluated database performance and maintenance duties such as Backup, Restoration are performed by scheduling jobs using SQL Server Job Agent.
* Maintained the physical database by monitoring performance, integrity and optimize SQL queries for maximum efficiency using SQL Profiler, Data Engine Tuning Advisor and index tuning wizard.

**Environment:**MS SQL Server 2008 R2, T-SQL, MS-Excel, XML, Windows 2000/ 2003/ NT/ XP/ 7.