**Daniyal Ahmed**

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**PROFESSIONAL SUMMARY**

* MS SQL Server Developer with 7+ years of strong experience with expertise in **MS SQL Server 2016/2014/2012/2008R2/2008/2005/2000** and **SSIS**, **SSRS**, **SSAS**.
* Worked on the entire **software development life cycle (SDLC)** including analysis, design, programming, testing and documentation.
* Proficient in installing, configuring, managing, monitoring and troubleshooting **MS SQL Server 2016/2014/2012/2008/2008R2/2005**.
* Developed Logical and physical data model using **ERWIN**, **ER Studio** and mapped the data into database objects.
* Generated sub reports, cross-tab, conditional, drill down reports, drill through reports and parameterized reports using **SSRS 2012**
* Introduced best practices for Data Services and Crystal Reports development.
* Expert Crystal Reports, stored procedures and Share point on **SQL** Server database
* Strong **MS SQL Server 2012/2008/2008R2/2005** Developer Skills including writing Stored Procedures, User Defined Functions, Views, Query writing.
* Expertise in **implementing Log Shipping** as backup solution for MS SQL Server 2000/2005/2008 databases.
* Performed **Database Integrity Checks**, updated Database Statistics and performed **Re-indexing** through Maintenance Plan.
* Expertise in using tools like **SQL profiler, windows performance monitor and performance counter for monitoring and tuning MS SQL server performance, SCOM.**
* Highly experienced in **implementing Replication Models** such as Transactional, Snapshot and Merge in SQL Server.
* Highly Experienced in **SQL Server performance** tuning, **query optimization, Database Maintenance plans, Database** Consistency Checks using **DBCC** and DMV’S
* Administering the MS SQL Server by **creating user logins with appropriate roles, dropping and locking the logins, monitoring the user accounts**, creation of groups, granting the privileges to users and groups
* Expert in Microsoft Business Intelligent Studio 2016/2014/2010/2008 (SSIS/SSRS/SSAS).
* In-depth knowledge of **T-SQL, SQL (DDL, DML,** and **DCL)**.
* Extensive knowledge and Experience in dealing with Relational Database Management Systems, including **Normalization, Stored Procedures, Constraints, Querying, Joins, Keys, Indexes, Data Import/Export, Triggers, Cursors**.
* Having Good knowledge of SQL server **Integration Services**, SQL server **reporting Services** and SQL server **Analysis Services**.
* Excellent report creation skills using **Microsoft SQL Reporting Services (SSRS)**.
* Expertise in report generation (automating, managing and security of reports) using **SQL** Server Reporting Services (SSRS).
* Created, designed and deployed **Tabular, Matrix, Chart, Drill-down** and **Ad-Hoc** reports on report server.
* Experienced in using **global variables**, expressions and **functions** for the **reports**.
* Expertise in **Creating, Deploying** and **managing Reports through MS SQL Server Reporting Services (SSRS) and Crystal Reports**.
* Expertise in **ETL (Extraction, Transformation and Loading)** development using **SQL Server Integration Services (SSIS)**.
* Experience in creating **Jobs, Alerts, SQL Mail Agent** and Scheduled **SSIS** Packages.
* Good Experience in creating **Master Child Packages** in SSIS and in generating on-demand and scheduled reports for business analysis using **SSRS**.
* Experience in providing good **production support for 24x7** being on call system schedule overnight and weekends
* Excellent communication and **interpersonal skill**, have good **problem solving ability** and **Work well in groups.**

**TECHNICAL SKILLS:**

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| --- | --- |
| * **Languages** | * C/C++, JAVA, J2EE, C#, T-SQL, PL/SQL, ASP.NET, Visual Basic |
| * **Databases** | * SQL Server 2000/2005/2008/2012/2014, MS Access 2000, Oracle 9i/10g/11g |
| * **DWH / BI Tools** | * SQL Server Analysis Services, SQL Server Reporting Services. |
| * **Database Design** * **Tools and Data** * **Modeling** | * Enterprise Manager, Query Analyzer, SQL Server Configuration Manager, * TOAD, Business Intelligence Development Studio (BIDS), SQL Server * Surface Area Configuration, Database Engine Tuning Advisor, SQL Profiler |
| * **Packages** | * MS Office, Microsoft Office Suit, Microsoft Office SharePoint Server (MOSS) * 2007, Microsoft Performance Point Server 2007 |
| * **Tools and Utilities** | * SQL Server Analysis Services, SQL Server Reporting Services, Export & Import * (DTS), SSIS (Integration Services) |
| * **Operating Systems** | * Windows Server 2000/2003, Windows NT/98/XP/Vista, UNIX |
| * **Web Servers** | * Microsoft IIS, Apache, Apache Tomcat |

**EXPERIENCE:**

**Clean Harbors, Norwell, MA June’16– Present**

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

**Responsibilities**:

* Worked as a developer in creating stored procedures, triggers, functions, constrains, indexes, tables, views and other **T-SQL** code and **SQL** joins for applications.
* Performance tuning of **SQL** queries and stored procedure using **SQL profiler** and **Execution Plan.**
* Designed high level **ETL/SSIS** architecture for overall data transfer from the OLTP to Data warehouse with SSIS and also prepared ETL/SSIS mapping processes and maintained the mapping documents.
* Created SSIS packages for Dynamic ETL/SSIS flow to validate, extract, transform and load data into database using Lookup, Fuzzy Lookup, Derived Column, Conditional Split to perform Data Scrubbing, including data validation checks during Staging, before loading the data into the Data warehouse.
* Scheduling SSIS Packages using **SQL Server Agent job**.
* Implemented various tasks and transformations for data cleansing and performance tuning of packages by using SSIS.
* Used **C# scripts** in SSIS script task to run custom scripts in package flow.
* Involved in gathering user requirements and system specifications.
* Using **Red Gate SQL Data Compare** compares and synchronize data from within SSMS.
* Created **Views** to validate the data and facilitate easy user interface implementation.
* Created **Store Procedure** to move data from old structure to new structure.
* Involved in creating **Indexes** for faster retrieval of data.
* Using SQL to query database performing various validation and mapping activities.
* Maintain, Update and Monitor the existing databases on daily basis.
* Created **SSIS Package** to import and export data from **Flat Files** and **csv files** to SSMS.
* Imported data from various sources into a staging area, merge the data into **OLTP data model** and presents it to all levels of users.
* Created complex **SSRS reports** using complex expressions to calculate, **group, filter, parameterize and format** the contents of a report
* Configured **reporting services** and managed reporting security by **creating groups** and granting access to **report folders and Ad-hoc reports** as required.

***Environment:*** MS SQL Server Management Studio 2014, Microsoft Visual Studio 2015(SQL Server Data Tool), MS Excel, Window 10, ASP .NET, C#. MS SQL Server Reporting Services (SSRS), Business Intelligence Development Studio (BIDS), MS Excel, Windows XP, Crystal Reports.

**Genworth, Richmond, VA Jan’15 – May’16**

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

**Responsibilities:**

* Actively involved as a part of a team for gathering and analyzing the **User Requirement**.
* Created **ASP .Net C#** code for **SSIS Package**.
* Gathered Requirements from the users and checked the structure of the schema and data with the Data Modular.
* Developed Reports for business end users using Report Builder.
* Analyzed reports and fixed bugs in stored procedures using **SSRS**.
* Designed complex T-SQL queries, User Defined Functions; Stored Procedures and Triggers in **SQL Server 2012/2014** followed by analysis and testing of those database objects before deployment to the production server.
* Well versed with different components of **SSIS** (Control Flow, Data Flow and Connection Manager) while extensively using different kinds of Containers, Control Flow Tasks and various Transformations under data flow tasks.
* Highly experienced in developing **SSIS** complex and multistage **SSIS** packages using various tasks such as For-each-loop, Execute Process Task, Data Flow task, Execute SQL task, Custom Script Task, FTP Task, File System Task, Send Mail Task, Bulk Insert Task;
* Developed T-SQL functions and stored procedures. Developed **SSIS** complex and multistage **SSIS** packages using For-each-loop, Execute Package, Data Flow task, Execute SQL task, Custom Script Task.
* **Wrote** and **tuned** the **DTS/SSIS** packages to cover the business needs.
* Worked with SQL Server Agent to create the job and monitor closely for job run;
* Created, updated and maintained **ETL** Technical Documentation for future reference by other team members.
* Created **parameterized, drill down** and **aggregation** reports in MS SQL environment using SSRS.
* Generated **daily, weekly** and **monthly reports** for the managers.
* Good in **Implementing SQL Server** security.
* Reviewed the SQL Server **Error Logs** and **Application Logs to resolve the issues.**
* Develop the **reports** for business users using Crystal Reports.
* Tested the reports and **fixed bugs** in the **stored procedures.**
* Maintained the physical database by monitoring performance, integrity and optimized SQL queries for
* Maximum efficiencyusing **SQL Profiler.**

***Environment:*** MS SQL Server 2012/2014, VS 2013/2012, SQL Server Reporting Services (SSRS 2012/2014), SQL Server Integration Services (SSIS)), T-SQL, MS Excel, MS Visio, Team Foundation Server (TFS), ERWIN.

**Health Net Inc., Shelton, CT June’13 - Dec’14**

**MSBI/SQL Server Developer**

**Responsibilities:**

* Involved in requirement gathering and database design using **Erwin**.
* Created SSIS Packages for import and export of data between MS SQL Server database and others like **MS Access, MS Excel and Flat Files** and **Oracle databases**.
* Designed and developed **Complex SSIS packages** for auditing using **SQL SERVER 2005 Integration Services (SSIS).**
* Validated and modified the data using different Data Flow Transformations like **Send Mail, Web Services, File System Task, Conditional Split, Lookup**, **Term Extraction, Pivot, Multi-Cast, Derived Column, Audit and Data Conversion** etc**.**
* Worked with different **Control Flow** elements like **For Loop Container, For each Loop Container** etc.
* Scheduled the **SSIS** packages to run at different intervals to load the data into SQL Server.
* Involved in **Maintenance and Deployment** of SSIS Packages.
* Developed **Custom Reports, Ad-hoc Reports** by using **SQL Server Reporting Services (SSRS).**
* Developed Tabular, drill down, parameterized, cascaded and sub-reports using SSRS.
* Generated Reports using **Global Variables**, **Expressions** and **Functions** based on the requirements in SSRS 2005.
* Created **Parameterized Reports** and **Linked Reports** and thorough knowledge of report server architecture using SSRS.
* Tested the reports and **fixed bugs** in the **stored procedures.**
* Maintained the physical database by monitoring performance, integrity and optimized SQL queries for
* **Maximum efficiency** using **SQL Profiler.**
* Established backup and recovery of SQL reporting services
* Involved in building **SSAS cubes** that used the built-in SSAS features for the time dimension and associated time intelligence.
* Knowledge in **Microsoft Excel Templates** according to the client’s requirement and choice by writing
* **VBA macro** to populate the data and format the Excel file.

***Environment:*** SQL Server 2005 Enterprise Edition, SQL Server Reporting Services, SQL Server Analysis Services, SQL CLR, XML, Windows 2000, IIS 5.0.ASP .NET

**Global Healthcare Alliance Houston, TX Oct’11 – May’13**

**MSBI/SQL Server Developer**

**Responsibilities:**

* **Installed, Configured** and **maintained** the SQL Server 2005
* Review/test/apply all database changes to all environments including QA, Development and Production Servers.
* Worked with **SQL server Profiler** to generate traces.
* Actively participated in **Logical design phase** of new database.
* Solved issues related to **server performance** and **disk space**.
* Resolved issues related to **query optimization**, **database optimization** and **index tuning.**
* **Created** and **managed schema** objects such as **tables**, **views**, **indexes**, **procedures**, triggers & maintaining Referential Integrity.
* **Wrote** and **tuned** the **DTS/SSIS** packages to cover the business needs.
* Deployed **the DTS/SSIS** packages**.**
* **Server** & **Application fine-tuning**& trouble shooting.
* **Monitoring** MS SQL **Server performance**, **identifying** the issues and **resolving t**he issues.
* Administering the **MS SQL Server** by **creating user logins** with appropriate roles, dropping and locking the logins, monitoring the user accounts, creation of groups, granting the privileges to users and groups.
* Configured **Log shipping** from one production server to the reporting server.
* Configured the **Database mirroring and log shipping** in the SQL Server instances as **High Availability.**
* Involved in configuring and maintaining **the merge replication** for the business users.
* Designed, implemented and documented the Disaster Recovery Solution.
* Created and maintained the SQL Agents jobs and configured them to send the alerts and email on failure to DBA group.
* Creating **the jobs** for running the packages automatically.
* Good in **Implementing SQL Server** security.
* Reviewed the SQL Server **Error Logs** and **Application Logs to resolve the issues.**
* Develop the **reports** for business users using Crystal Reports

***Environment:*** Windows 2000 server IIS 5.0, Window Server 2003 IIS 6.0, MS SQL Server 2005, Crystal Report, Microsoft Operation Manager (MOM), Visual Source Safe.

**Ovex Technologies, Pakistan June’10 – Sep’11**

**SQL Server Developer**

**Responsibilities:**

* Developed **stored procedures, functions** and **database triggers.**
* Maintained **referential integrity** and implemented complex business logic.
* Involved in installation and configuration of SQL server 2005 with latest service packs.
* Created and executed **SSIS packages** to populate data from the various data sources.
* Created SSIS packages using SSIS designer for export heterogeneous data from **OLEDB**
* **Source (Oracle), Excel spreadsheet** to **SQL Server 2005**
* Migrated **DTS packages** to **SSIS packages** and modified those packages.
* Designed **ETL packages** dealing with different data source and loaded the data into target data sources by performing different kinds of transformations using SSIS.
* Experience in creating **multiple reports** (SSRS) in Drill mode using **tables**, **crosstabs**, and **charts**.
* **Design, deployment** and maintenance of various SSRS in SQL Server 2005.
* Designed and implemented parameterized and cascading **parameterized reports** using SSRS**.**
* Worked with SQL profiler for **troubleshooting, monitoring** and **optimization** of SQL Server and non

***Environment:*** SQL Server 2005 Enterprise Edition, T-SQL, SQL Server 2005 Management Studio

SQL Analyzer and Enterprise Manager, SQL Agent.

**EDUCATION:**

**PAF-Karachi Institute of Economics and Technology*,*** *Karachi* **2008 – 2011**

***Bachelor in Engineering****, Electronics*