**SUDHIR REDDY**

**SQL Server & MSBI Developer**

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**Professional Summary:**

* SQL Server Developer with over **7+** years of experience in the Analysis, Design, Development, Implementing and Testing, Administrating Client/Server applications using Microsoft Technologies.
  + - * Expertise in Microsoft Business Intelligence Services like **SQL Server Integration Services, SQL Server Analysis Services** and designing reports using **SQL Server Reporting Services.**
* Extensive experience with all phases of SDLC methodologies to define business and technical requirements and specifications.
* Working knowledge on Extraction, Transformation and Loading (ETL) between homogenous and heterogeneous sources using SSIS packages.
* Expert in working with SSIS for creating packages to transform data from different **OLEDB** Provider like DB2, MS Access, Flat File, Excel and **automate the ETL**.
* Experience in working with SSRS, designing different types of reports like **Parameterized Reports, Cascading Parameterized Reports, Drill down Reports, Drill through Reports, Tabular Reports, Matrix** **Reports, Sub Reports**, and **Ad-hoc Reports.**
* Expertise in Creating and managing **Event Handlers, Package Configurations, Logging, Checkpoints** and User Defined Variables for **SSIS Packages.**
* Proficient in the **SSAS** storage and partitions, aggregations, defining hierarchies, calculation of queries and developing reports using **MDX** and **T-SQL.**
* Experience in deploying complex packages from development to production environment using proper package configuration.
* Experience in working with **Normalization/De-normalization**, data design methodology and building Referential Integrity for the relational Database Model implementing as per business requirement.
* Experience in **Dimensional Modeling,** applying Kimball’s methodology**,** designing **Star Schema / Snowflake Schema, FACT and Dimensional tables**.
* Working knowledge in **Creating Stored Procedures, Triggers, User-Defined Functions, Views, Indexes, User Profiles** using **Transact SQL.**
* A well-organized, goal-oriented effective team member with excellent analytical, troubleshooting, and problem solving skills.
* Flexible and project oriented team player with excellent communication and leadership skills to develop creative solution for challenging client needs.

**Technical Skills**

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| **SQL Server**  **Tools** | SQL Server Management Studio, SQL Server Business Intelligence Development Studio |
| **BI Tools** | SQL Server Integration Services(SSIS), SQL Server Analysis Services(SSAS), SQL Server Reporting Services(SSRS) |
| **Databases** | MS SQL Server 2012/2008R2/2008/2005/2000, Oracle 8i,9i/10g, MS Access 97/2000, DB2 |
| **Languages** | T-SQL, C#, ASP.NET |
| **Data Modeling Tools** | MS-Visio, Erwin 7.2/4.5, Visual Studio |
| **Operating Systems** | Windows server 2003,windows 95/98/NT/4.0/2000/XP, Windows 7 |

**Education**

Bachelor of Technology from **Osmania University, Hyderabad, India**, May 06.

**Professional Experience**

**Messer Construction, Cincinnati, OH Apr14-Present**

**Role: SQL BI developer (SSIS, SSRS,SSAS)**

Messer is a full-service complex commercial construction company specializing in building for health care, higher education and life sciences. Messer’s mission is to lead the building constuuction process for sustained growth and profitability.

**Responsibilities:**

* Written complex queries, created Stored Procedures and user defined functions for reports.
* Redesigned and tuned **stored procedures**, **triggers**, **tables**, **UDFs**, **views**, **recursive CTEs**, **indexes** and was successfully able to increase the performance of the queries.
* Designed different type of reports like **Parameterized Reports, Cascading Parameterized Reports,Drill down Reports,Drill through Reports,Tabular Reports,Sub Reports** and **Matrix** **Reports.**
* Used **dynamic SQL** extensively in T-SQL increasing usability of code.
* Created and designed reports based on **query parameters** an**d Report parameters.**
* Experienced in **nested Grouping, sorting** columns and writing **expressions** according to the business requirements.
* Expertise in ETL techniques using **Informatica**Power Center 7.x, 8.x, Stored Procedures to Extract and Transform data from various data sources and Load to the Transactional/Dimensional Database.
* Experience in setting report parameter properties. Determining whether parameters are **single** or **multi valued**, visible at runtime and set the default values in the run time.
* Deployed reports into the reporting server and opened through **Viewpoint** application.
* Worked on Converting **Crystal reports** to **SSRS reports** in SQL server 2008.
* Created Jobs using sql server agent to automatically run the stored procedures in scheduled time.
* Designed **ETL packages** dealing with different data sources (**SQL Server, Flat Files, and XMLs** etc) and loaded the data into target data sources by performing different kinds of transformations using **SQL Server Integration Services (SSIS).**
* Used ETL **Informatica** Power Center work flow manager to create sessions, workflows and worklets to run with the logic embedded in the **mappings.**
* Used various Transformations such as **Multicast, Merge Join, Lookup, Fuzzy Lookup, Fuzzy Grouping, Slowly Changing Dimension, Aggregate, Conditional Split,** and **Derived Column**.
* Worked on de-bugging package execution using break points in control flow and data viewer in data flow.
* Used Deployment Utility to effectively deploy the ETL Packages from Development to Production Environment.

**Environment:** SQL Server 2012/2008R2/2008/2005, SSRS 2008, SSIS 2008, DB2, Oracle 9i/10g, Visual Studio 2005, XML, XSLT, MS Office and Visual source safe.

**Amerigroup, Virginia beach, VA Feb 12-Mar14**

**Role: SQL BI developer (SSIS, SSRS,SSAS)**

Amerigroup is a health insurance company that offers real solutions that improve health care access and quality for its members, while proactively working to reduce the overall cost of care to taxpayers. It is the nations leading provider of health care solutions for public programs.

**Responsibilities:**

* Key role in team of 4 in brining **2005 SQL database environment to SQL 2008R2 by migrating**, converting and re-writing DTS packages and updating them to SSIS packages.
* Extensively worked on Data Flow tasks like **Foreach Loop Container**, Execute process task, Transfer SQL Server Objects task, Transfer Jobs task, Transfer Logins task.
* Worked with SSIS packages involved **FTP** tasks, **Fuzzy Grouping**, **Merge**, **and Merge joining**, **Pivot** and **Unpivot** Control Flow Transformations.
* Used **SQL Server Package Configuration** technique to make **Dynamic configurations**.
* Used **Text Files/ SQL Server Logging** for all SSIS packages.
* Generated periodic reports based on the statistical analysis of the data using SQL Server Reporting Services (SSRS).
* Created On demand (Pull) and Event Based delivery (Push) of reports according to the requirement.
* **Deployed** and **configured** the reports in the Report Server.
* Extracted Data from various **Heterogeneous Databases** such as **Oracle** and **Access database**, **DB2**, **flat files** to **SQL server 2008R2** using **SSIS.**
* Used SSIS to create ETL packages to validate, extract, transform and load data into data warehouse and data marts.
* Involved in using **Informatica** transformations tables.
* Implemented **Event Handlers** and **Error Handling** in SSIS packages and notified process results to various user communities.
* Worked with various SSIS packages which involve **Transactions**, **Restartability** and **roll back techniques**.
* Configured **SQL mail agent** for **sending automatic emails** when SSIS packages fails or succeeds.
* Created Databases, Tables, **Cluster/Non-Cluster Index**, Unique/Check Constraints, Views, **Stored Procedures**, Triggers.
* Created **User Defined Functions** to encapsulate frequently and commonly used business logic making the system more modular, secured and extensible.
* Optimizing Stored Procedures and long running SQL queries using **indexing strategies** and **query optimization techniques**.
* Schedule the packages to keep extracting the data from OLTP at specific time intervals.
* Responsible for rebuilding the indexes and tables as part of performance tuning.
* Monitored performance and optimize SQL queries for maximum efficiency.
* Used **SQL Server Agent** for **scheduling jobs** and alerts.
* Configuration and Deployment of all reports across various SDLC environments.
* Deployed the packages to production using **XML package** configuration.

**Environment:** SQL Server 2012/2008R2/2008/2005, SSRS 2008, SSIS 2008, DB2, Oracle 9i/10g, Visual Studio 2005, XML, XSLT, MS Office and Visual source safe.

**Acxiom Corporation, Conway, AR May 10-Dec 11**

**Role: SQL BI developer (SSIS, SSRS,SSAS)**

Acxiom corporation is a marketing technology and services company that collects, analyzes, and parses customer and business information for clients and consists primarily of companies in the financial services, insurance, information services, direct marketing, media, retail, consumer packaged goods, technology, automotive, healthcare, travel and telecommunications industries, and the government sector.

**Responsibilities:**

* Performed System study and Requirements Analysis, prepared Data Flow Diagrams, Entity Relationship Diagrams, Data Diagrams and Table Structures
* Enhanced the old logical and physical database to fit new business requirement and implemented new design into SQL Server 2008
* **Migrated data** from **2005 to 2008**
* Installed SQL Server 2008 and Management tools using SQL Server setup program
* Wrote **T-SQL** queries, **Stored Procedures** and used them to build Packages
* Involved designing and developing packages for a Data Warehousing and **Data Migrations** projects using Integration Services (SSIS) on different Data Sources
* Extracted data from **Oracle, Flat Files, Transformed (Implemented required Business Logic)** and Loaded into the target **Data Warehouse** using SSIS (SQL Server 2008)
* Designed SSIS Packages to transfer data from various sources like **Text Files, XML Files, SQL Server, Excel, OLEDB** andAccess to SQL Server
* Developed Complex Queries in **T-SQL, Stored Procedures** and **Views** with best execution plan
* Developed **SQL Scripts** for pre-calculated aggregates, summaries and user specific calculations
* Handled **slowly changing dimensions** to maintain the history of the data
* Responsible for optimizing all Indexes, SQL queries, Stored Procedures to improve the quality of software
* Designed, reviewed and created primary objects (views, indexes and etc.) based on logical design models, user requirements and physical constraints
* Involved in **designing and developing cubes** in SSAS environment using **Snowflake** and **Star Schema** Designs for the operational data
* Identified **Key Performance Indicators (KPI)** and Metrics for Business needs in SSAS 2008
* Involved in Analyzing, designing, building and testing of **OLAP** cubes with SSAS 2008 and in adding calculation using **MDX**
* Created trace in **SQL Profiler** and used Database engine tuning advisor for **performance tuning** on stored procedures and Scripts
* Documented all the new procedures**, troubleshooting** issues and solutions, Enhancement and changes in daily and monthly running processes and maintain the database for future reference
* Created **User Defined Functions, Triggers, Indexes** Designed and developed various service management reports, utilizing dynamic and cascading prompts, sub-reports, charts, formulas, parameterized reports, navigation reports and dynamic reports using SSRS

**Environment:** MSSQL Server2008/2005, T-SQL, Windows 2000/2003, Crystal Report 8.5, MS SQL Server Integration Services, MS Access, MS Excel, HTML, XML.

**Active Health Management, Chantilly, VA Jan 08-Apr 10**

**Role: SSRS and SQL Developer**

Active Health Management basically provides health services in many aspects. Active Health Management is a leading provider of health management services, including disease management, clinical decision support and personal health records.My responsibility was implementation and maintenance of databases, Application Development, Generating reports and Analyzing data.

**Responsibilities:**

* Designed dynamic **SSIS Packages** to transfer data crossing different platforms, validate data during transferring, and archived data files for different DBMS.
* Generated database monitering and data validation reports in **Proclarity and SQL Server Reporting Service (SSRS**).
* Created Datawarehourse Cubes in **SQL Server Analysis Service (SSAS)**.
* Deployed **SSIS** packages and Reports to Production Servers.
* **Upgraded** databases from SQL Server 2000 to SQL Server 2005.
* Responsible for the design and development of .**Net** web applications for firm's Solutions.
* Migrated data using ETL Tool in **SSIS.**
* Maintained system monitoring jobs and provide **high availability support**.
* Created **partition table** for very large database for good performance.
* Worked on Migration of packages from DTS using **SQL Server Reporting Service(SSIS).**
* Participated **Databases Architecture** and **data Modoling** design.
* Performing DBA functions, installing, configuring and supporting database systems.
* Reported all events and requirements through established reporting mechanisms in **SSRS.**
* Fully supported change management procedures.
* Reviewed and developed **data models and database designs** with development teams
* Wrote **store procedures** for some job automations.
* Generated test data and **tested database** to meet the functionalities deliverables in the project documentation and specifications.
* Responsible for writing SQL queries, stored procedures, views, triggers, T-SQL and **DTS/SSIS**
* Designed and developed OLAP using MS SQL Server Analysis Services
* Designed and developed **MS SQL Server** **Reporting Services(SSRS)** under SQL Server 2000 and SQL Server 2005
* In charge of converting data using SQL Server 2005 using **SSIS**

**Environment:** MS SQL Server 2005 and 2000, MS SQL Server 2005, MS SQL Server Reporting Services, MS SQL Server Integration Services, SSAS, Proclarity, MS SQL Server Analysis Services 2000, C#, ASP.NET,VB.NET, OLAP, UML, Erwin, DTS/SSIS,BIDS.

**Life Insurance Corporation of India (LIC), Hyderabad, India Aug 06-Dec 07**

**Role: SSIS, SSRS and SQL Developer**

Life Insurance is an OLTP systemwhich stores the customer information regarding members and their payments and policies. The warehouse was running on SQL Server 2000 with a web based Dot Net front-end, Implemented infrastructure to support over 15 database servers consisting of more than 150 databases.

**Responsibilities:**

* Developing **T-SQL queries, triggers, functions, cursors** and **stored procedures**.
* Responsible for logical and physical design of SQL Server databases.
* Alter the schema for the required objects.
* Used DDL and DML for writing triggers, stored procedures, and data manipulation.
* Created views to restrict access to data in a table for security.
* Expert in extracting data using SSIS from **OLTP** to **OLAP**.
* Performed Bulk **data migration** using **DTS** and **SSIS** from **flat files**.
* Designed and optimized all the SSIS packages.
* Created SSIS packages to Export data from **text file** to SQL Server Database.
* Designed and implemented stylish report layouts.
* Identified the Data Source and defining them to build the Data Source Views.
* Identified and defined the Datasets for report generation and also included report parameters.
* Generated Reports using Global Variables, Expressions and Functions for the reports.
* Implemented full and differential backups and also created and managed DB objects.
* Make recommendations for File group Creation and Placement.
* Scheduling backups and automating weekend maintenance tasks.
* Created users and roles for login authentication and validating permissions.
* Administering MS- SQL Server, performing day-to-day tasks such as Database tuning by checking indexes.
* Upgraded SQL Server 2000 to SQL Server 2005.
* Assisted developers in tuning Stored Procedures, Triggers and Functions over performance issues.

**Environment:** SQL Server 2005/2000, T-SQL, DB Artisan, MS Reporting Services, Management Studio, Query Analyzer, Windows 2003/2000 Server, Oracle 9i.