Murali

**SQL BI Developer Consultant**

**Professional Summary**

* **7+ years of experience** as **SQL Server Developer** in the analysis, design, development, implementation, testing, and maintenance of application systems in Client Server environments.
* Experience with **MS** **SQL Server 2000**, **MS SQL Server 2005** and **MS SQL Server 2008** and worked extensively on Reportingservices **(SSRS),** Integrationservices **(SSIS)** andAnalysisservices **(SSAS**)**.**
* Extensive experience and proficiency on the design, construction and implementation of Business Intelligence tools (Star Schema, Data-Warehouses, **OLAP cubes**, Partitioning and Aggregations), **ETL Process** (Data Extraction, Transformation layer) with **DTS/SSIS.**
* Excellent backend skills in creating SQL objects like Tables, **Stored Procedures**, **Views, Indexes,** **Triggers**, Rules and **SQL Performance Tuning**.
* **Tuned queries**, **Stored Procedures** to enhance the performance of applications.
* Experience in MS SQL Server upgrades from 7.0 to MS SQL Server 2000 and from 2000 to MS SQL server 2005 and from 2005 to **SQL Server 2008.**
* Very good **T-SQL** Programming skills. Experience in **query optimization** & **performance tuning**. Used **SQL Profiler, Execution Plan, Performance Monitor and DBCC Commands**
* Experience in **Database backup** and disaster **recovery procedures**.
* Good understanding in **database** and **data warehousing** concepts (**OLTP & OLAP**). Experience in **data mining** and analysis, design and construction of **data marts**, **data views**; Experience with logical and physical **data** **modeling** and **database** **design** using **Erwin**.
* Experience in **Dimensional Modeling, ER Modeling, Star Schema / Snowflake Schema, FACT** and **Dimensional tables and Operational Data Store (ODS).**
* Experience in building **Data Integration** and **Workflow Solutions** and **Extract, Transform,** and **Load (ETL)**solutions for data warehousing using **SQL Server Integration Service (SSIS).**
* Monitored **space usage** and scheduled **existing/new jobs** on production environment.
* Experience in **administrative** tasks such as **data loading**, **batch jobs**, **data unloading**, **Backup**, **Recovery** and **scheduling** the backups.
* Experience in Data Warehouse Modeling with **SQL Server Analysis Service** (**SSAS)**.
* Good understanding of **Microsoft Reporting** **Service** **(SSRS)** with Report authoring, Report management, **Report** **formatting, Report distribution**, Report delivery and **Report security**.
* Experience working with **Multidimensional databases** and **data mining** in **SQL Server 2008** **Analysis Services.**
* Experience working with enhanced Data Profile Viewer in **SQL Server 2008 Integration services** and enhancements in **SSRS 2008.**
* Experience in **Cube designing** in Business Intelligence Development Studio **(SSAS)** to edit various properties of a cube, including the measure groups and measures, cube dimensions and dimension relationships, calculations.
* Experience in working with **SSAS** in creating data source views, named queries, dimensions and deploying of analysis services projects.
* Transformed data from one server to other servers using **Bulk Copy** **Programming** and **Data Transformation Services**
* Team player with excellent communication, interpersonal, analytical and problem solving skills.

**Education:**

* Bachelor of Electrical and Electronics Engineering, JNTU, INDIA.

**Technical Skills:**

|  |  |
| --- | --- |
| RDBMS | MS **SQL Server 2008,** MS SQL Server 2005, 2000, 7.0, MS-Access |
| MICROSOFT Technologies | **SSRS**, **SSIS, SSAS**, DTS, SQL Enterprise Manager, SQL Management Studio, SQL Server Business Intelligence Tools, Microsoft Office SharePoint Server 2007 |
| Languages | SQL,**T-**SQL,PL-SQL, C, C++,VB/VBA |
| **ETL** | DTS, **SSIS**, Data Stage |
| Operating Systems | Win 95/NT/2000/XP/Vista,7.0, MS-DOS, UNIX, Windows Server 2003 |
| Web Technologies | HTML, DHTML, XML |
| Tools | Erwin tool, Microsoft Visio 2000/2003,ProClarity,Crystal Reports, MS Visio |
| SQL Server Tools | SQL server Management Studio, SQL server Query Analyzer, SQL server mail service , DBCC, BCP , SQL server profiler |

**Certifications:**

* Implementation and Maintenance with Microsoft SQL Server 2005 Business Intelligence

**Professional Experience:**

**Bronx-Lebanon Hospital Center, NY APR’09-TILL DATE**

***Sr SQL BI Developer***

**Description:**

**Bronx-Lebanon Hospital Center** 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:**

* Generated database monitering and data validation reports in **Proclarity and SQL Server Reporting Service (SSRS**).
* Reported all events and requirements through established reporting mechanisms in **SSRS.**
* Generated various **ad-hoc reports** using MS Reporting Services **(SSRS).**
* Designing and implementing a variety of SSRS reports such as **Parameterized,** Drilldown, Ad hoc and Sub-reports using Report Designer and **Report Builde**r based on the requirements.
* Fully supported change management procedures.
* Designed and developed **MS SQL Server** **Reporting Services (SSRS)** under SQL Server 2005 and SQL Server 2008.
* Created Datawarehourse Cubes in **SQL Server Analysis Service (SSAS)**.
* Designed **cubes with star schema** using **SQL Server Analysis Services (SSAS).**
* Created **Cubes** and used basic **MDX** to retrieve the result set for Calculations using **SSAS**.
* Created **Partitions** to increase the **performance** of the cube using **SSAS.**
* Worked on advanced **dimension Design** and **Cube design** in **SSAS.**
* Deployed **SSIS** packages and Reports to Production Servers.
* Scheduled the DTS package for migration data from old system to MS SQL 2008.  
  Reconciled data for transformation from SQL 2005 to SQL 2008 using **SSIS**.
* Responsible for the design and development of .**Net** web applications for firm's Solutions.
* Migrated data using ETL Tool in **SSIS.**
* In charge of converting data using SQL Server 2008 using **SSIS.**
* Responsible for writing **SQL queries**, **stored procedures**, **views, triggers**, **T-SQL** and **DTS/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).**
* Designed dynamic **SSIS Packages** to transfer data crossing different platforms, validate data during transferring, and archived data files for different DBMS.
* Developed the **SQL Server Integration Services (SSIS)** packages to transform data from SQL 2005 to MS SQL 2008 as well as Created interface stored procedures used in SSIS to load/transform data to the database.
* Participated **Databases Architecture** and **data Modeling** design.
* Experience in **query optimization** & **performance tuning.**
* Supported in Performing DBA functions, installing, configuring and supporting database systems.
* 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.
* Managed SQL user logins, database user accounts, server roles, database roles and its **permissions**. Handled **dead lock** scenarios.
* Involved in **unit testing** and all phases of testing and even supported **testing team** for better functionality.
* Involved in **documentation** of whole project majorly which helps the supporting team.

**Environment:** MS SQL Server 2005/2008, MS SQL Server Reporting Services, MS SQL Server Integration Services, SSAS, ProClarity, MS SQL Server Analysis Services 2008, C#, ASP.NET,VB.NET, OLAP, UML, Erwin, DTS/SSIS,BIDS.

**Deutsche Bank, Chicago, IL NOV’08-MAR’09**

***SQL BI Developer***

**Description:**

RREEF Alternative Investments is the global alternative investment management business of Deutsche Bank’s Asset Management division. RREEF Alternative Investments consists of three businesses: Real Estate, Infrastructure and Private Equity. Headquartered in New York, RREEF Alternative Investments employs more than 900 investment professionals in 13 cities around the world to help investors meet a wide range of objectives from diversification, to preservation of capital, to long-term performance.

**Responsibilities:**

* Analyzed and designed software and database solutions.
* Used **SQL Profiler and Query Analyzer** to optimize DTS package queries and stored procedures.
* Worked on other packages of the SQL server 2005 Edition **SSRS** (SQL Server Reporting Services), **SSAS** (SQL Server Analysis Services).
* Created databases and **schema objects including tables, indexes and applied constraints,** connected various applications to the database and **written functions, stored procedures and triggers.**
* Developed **complex Stored Procedures** and **views** to generate various **Drill-through reports,** **parameterized reports** and **linked reports** using **SSRS**.
* Created **DTS packages** to copy tables, schemas and views and to extract data from Excel and Oracleusing **SSIS.**
* Worked as a developer in creating complex **Stored Procedures, SSIS packages, triggers**, cursors, tables, and views and other SQL joins and statements for applications.
* Designed **data models using Erwin**. Developed physical data models and created DDL scripts to create database schema and database objects.
* Involved in **performance tuning** using indexing (Cluster Index, Non Cluster index) tables.
* Designed and developed **Star** and **Snow Flake Schema** as a **data analyst.**
* **Packages, and Fuzzy Look-up** for data cleansing, validating data using **SSIS**.
* Involved in extracting the data using **SSIS** from **OLTP to OLAP.**
* Developed **SSIS Templates** which can be used to develop **SSIS Packages** such a way that they can be dynamically deployed into Dev, Test and Production Environments.
* Created components, tools, techniques, methods and procedures used in an on **On-Line Analytical Processing (OLAP)** environment for accessing and translating data into understandable and usable business information using **SSAS**
* Developed several **MDX calculations** to get the weighted averages for metrics such as Weighted Average Gross Margin, Weighted Average Term.
* Migrated and recreated existing Dimensions and Cubes using Star schema on 2005 Server to achieve the efficiency of **SQL Server Analysis** **(SSAS).**
* Used **PROCLARITY** for accessing and analyzing cubes and dimensions.
* **Performed tune to optimize SQL queries using SQL profiler and query analyzer**.
* Created reports with Analysis Services Cube as the data source using SQL Server 2005/2008 Reporting Services.
* Designed high level **ETL architecture** for overall data transfer from the source server to the Enterprise Services Warehouse which encompasses server name, database name, accounts, tables and direction of data flow, Column Mapping, Data dictionary and Metadata.
* Involved in developing and modifying VB and **XML** reports for exporting the reports to web application.
* Performed daily tasks including **backup** and **restore** by using SQL Server 2005 tools like **SQL Server Management Studio, SQL Server Profiler, SQL Server Agent**, and **Database Engine Tuning Advisor**
* Involved in **Installation**, Configuration of **Share Point Form** in Cluster Environment
* Involved in **unit testing** and all phases of testing and even supported **testing team** for better functionality.
* Involved in **documentation** of whole project majorly which helps the supporting team.

**Environment:** MS SQL Server 2005/2008, SSAS, SQL Server Reporting Services 2005/2008, SSIS, Front Office 8.3 / 10.2 / 10.3, Windows XP / NT / 2000/2003, MS Office 2003/2007, FTP Communication, MS-Visual Studio, Oracle 10g, UNIX, XML,XSLT, C#, Asp.NET, ADO.Net.

**Target, Minneapolis, MN APR’06– OCT’07**

***SQL BI Developer***

**Description:**

**Target Pharmacy** is a research-based global pharmaceutical company. **Target Pharmacy** discovers, develops, manufactures and markets leading prescription medicines for humans and animals, as well as many of the world’s best-known over the counter medicines and consumer health products. Suppliers are subscribed to Target for their purchases. They can access their own account through a web based portal Order &Invoice Inquiry system .This site is available 24\*7 for suppliers to inquire about invoices and payments, order statusTarget Pharmacy is a private company categorized under Medicines-Patent and Proprieta

**Responsibilities:**

* Participated in development of SQL server 2005 using **stored procedures, triggers, functions**.
* Migrated the data from **SQL Server 2000 to 2005**.
* Worked with T-SQL development and performance tuning in T-SQL code. Participated in **Performance Tuning** of Code using execution plan and **SQL profiler.**
* Added Indexes to improve performance on tables and used multiple join statements to retrieve data from multiple tables.
* Wrote custom T-SQL stored procedures and triggers to improve performance, reduce latency, **preserve referential integrity**, and provide additional application functionality.
* Disaster Recovery Plan, Testing and analyzing and continuous update of documentation.
* Responsible for the data and metadata management and Business Intelligence (BI) solutions
* **Worked on SSIS to create ETL packages (.dtsx files)** to validate, extract, transform and load data to data warehouse databases, data mart databases, and process SSAS cubes to store data OLAP databases.
* Identified and added the **report parameters** and uploaded reports on to the **report manager** and organized them in folders**.**
* Created **Advanced Reporting** Services Programming Using the **Reporting** Services Web Service.
* Created several **Dashboards** and Scorecards with Key Performance Indicators (**KPI**) in SQL Server 2005 Analysis Services (SSAS).
* Created complex **SSAS cubes** with multiple **fact measures groups**, and **multiple dimension hierarchies based** on the OLAP reporting needs.
* Installing and configuring **MS SQL Server 2005** (Personal, Standard and Developer Editions)
* Extensively worked on **ProClarity** Analytics.
* Created **Development** and **Production support** documents.
* Involved in **unit testing** and all phases of testing and even supported **testing team** for better functionality.
* Involved in **documentation** of whole project majorly which helps the supporting team.

**Environment:** SQL Server 2000/2005, DTS, VSS, VBScript, XHTML, XML, Windows 2000/2003 Server, IIS5.0, 6.0, 7.0.

**Foresight Financial, NJ JAN’05-MAR’06**

***SQL BI Developer***

**Description:**

Foresight Financial is a financial services firm specializing in retirement savings and providing other services like Life/Business Insurance. Foresight Financial is a leading International insurance organization of commercial and industrial insurance in the US. The purpose of our project was to build data ware house for Life Insurance.

**Responsibilities:**

* Standardized way of writing stored procedure following a specific pattern and naming conventions.
* Performed Index analysis for tables and came up with more efficient solutions to use **Clustered and Non-Clustered Indexes** for significant performance boost.
* Developed various reports using **SSRS**, which included writing complex stored procedures for datasets.
* Involved in Report **Authoring, Report Delivery (using both Pull and Push strategy) and Report Management** for various types of reports.
* Participated in creating reports that deliver data based on **stored procedures**.
* Created simple Reports using **SSRS, ProClarity**.
* Experience in creating snapshots of **static reports** and configure subscription.
* Developed Multi dimensional Objects (**Cubes, Dimensions**) using **MS Analysis Services (SSAS).**
* Involved in Creation of Dimensions using STAR and **SNOW FLAKE** Schema.
* Actively involved in creating **SSIS packages** to transform data from OLTP database to a data warehouse (**ETL).**
* Encapsulated frequently used SQL Statements into **stored procedures** thereby reducing the execution time.
* Involved in developing triggers to **audit schema changes** at the database level.
* Created **Transactional Replication**, Pull Subscription and defined publications to transfer data from branch to head office and vice versa.
* Created **sub-reports** to present more detailed information about the summary.
* The task involved writing a lot of SQL Code, including use of complicated joins and cursor loops.
* **Lead the team** of developers to write efficient code.
* Defined cubes, dimensions, user hierarchies, aggregations in an **OLAP** environment.
* Involved in **unit testing** and all phases of testing and even supported **testing team** for better functionality.
* Involved in **documentation** of whole project majorly which helps the supporting team.

**Environment:**

SQL Server 2000/2005, MS Excel 2003, MS SQL Query Analyzer, SQL Profiler, ETL, MS SQL Server Reporting Services, MS SQL Server Analysis Services.

**ICICI Lombard Ltd, Mumbai, India NOV’03– DEC’04**

***SQL Server Developer***

**Description:**

ICICI Lombard is one of the largest general insurance companies in India which are providing its customers comprehensive coverage. ICICI Lombard has a centralized warehouse which maintains data related to all claims. Its warehouse holds data related to member coverage, claims processed for that member and payment adjustments for that particular customer.

**Responsibilities:**

* Created and maintained various databases for production, development and testing using SQL Server 2000.
* Created packages, procedures, functions, and triggers.
* Created views to facilitate easy user interface implementation, and triggers on them to facilitate consistent Data entry into the database.
* Imported data from text files and excel spread sheets into **SQL Server 2000 database using DTS package.**
* Created reports from database onto excel spread sheet using **DTS**.
* Handled database performance tunings.
* Performed everyday backup and developed recovery procedures.
* Involved in creation **of new database, planning the location of data, index and transaction log files on the disks.**
* Created Users and Roles, and managed security and permission of database.
* Involved in managing Jobs and error logs.
* Involved in **unit testing** and all phases of testing and even supported **testing team** for better functionality.
* Involved in **documentation** of whole project majorly which helps the supporting team.

**Environment**: SQL Server 2000, 7.0, T-SQL, Query Analyzer, Outlook, ASP, VB 6.0, VB Script, DTS, BCP, Enterprise Manager.

**Impact Informatics, Hyderabad DEC’02-OCT’03**

***SQL Programmer***

**Description:**

**Project: Agent Tracking and Reporting System**

This intranet site is to track the performance of the call center executives in various locations of client. Performance is tracked by various means like the no of calls taken by each executive, the time taken to solve the problem and the no of escalations. Performance Tracking, Agent Registration, Resource Maintenance, System Administration and Reports were the different modules of this project.

**Responsibilities:**

* Involved in requirement gathering, analysis, design, development, change management, deployment and user training.
* Involved in **ER** diagrams and mapping the data into database objects.
* Installed and Configured SQL Server 2000 successfully.
* Design of the database and the tables.
* Build table relationships and wrote stored procedure to clean the existing data.
* Coordinated with the front-end developer to put in the business rules. Wrote procedure to check some of the rules at the backend at the time of entering data.
* Developed SQL scripts to **Insert/Update** and Delete data in MS SQL database tables.
* Evaluated database performance and performed maintenance duties such as tuning, backup, restoration and disaster recovery.
* Developed the project using iterative approach.
* Managed database changes based on feedback**.**
* Involved in **unit testing** and all phases of testing and even supported **testing team** for better functionality.
* Involved in **documentation** of whole project majorly which helps the supporting team.

**Environment:** SQL Server 2000, ER-Win, T-SQL, Excel, Access, and Windows NT, Crystal Reports