**Rajesh Poosa**

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**Professional Summary:**

* Around 8 years of Professional experience in Information Technology and in database design, development of MS SQL SERVER 2000/2005/2008/2008 R2/2014 with Business Intelligence tools SQL MS Server Reporting Services (SSRS), MS SQL Server Integration Services (SSIS) TSQL and Power BI.
* Expert in Team Foundation Server (commonly abbreviated to TFS) which is a Microsoft product that provides source code management (either with Team Foundation Version Control or Git), reporting, requirements management, project management (for both agile software development and waterfall teams), automated builds, lab management, testing and release management capabilities. It covers the entire application lifecycle, and enables DevOps capabilities.
* Expert in creating Parameterized Reports, Drill through and Drill Down reports, Tabular reports, Linked Reports, Sub-Reports using MS SQL Server Reporting Services.
* Ability to prioritize and complete multiple tasks and detail oriented, quick learner, self-driven, strong team player, hard worker. Willing to take responsibilities
* Strong working knowledge in Reporting Services Architecture, Report Designer, Report Builder, Report Manager, scheduling report and Publishing a Report.
* Strong working knowledge of Microsoft SQL Server with skills in query writing and performance tuning.
* Strong working knowledge of Data Visualization in SSRS.
* Execute data mining techniques for advanced analysis of data and report generation.
* Experience in Installing, Upgrading, managing, configuring, migrating and troubleshooting MS SQL Server.
* Worked extensively on TSQL Code, including complicated joins and cursor loops, creating indexes for fast retrieval of data, creating views, indexes, triggers, cursors, stored procedures and functions.
* SQL performance tuning by modifying SQL or adding/changing indexes.
* Actively involved in Normalization (3NF) & De-normalization of database.
* Support an internal team of Developers, Designers and test engineers.
* Conducted research to collect and assemble data for databases.
* Analyzing legacy System data to migrate data from old system to new system.
* Experienced in Dimensional Data Modeling and some of the terms commonly used are Dimension Table, Attributes, Hierarchy, Fact Table, Lookup Table.
* Involved in Different kinds of Data Model Instance and they are Conceptual Design, Logical Design and Physical Design.
* Creating Exception Report after comparing Data source and destination.
* Experienced with all phase of Software Development Life Cycle (SDLC) involving Systems Analysis, Design, Development and Implementation.
* Experience with large-scale relational databases
* Good Knowledge of normalization/de-normalization of database tables, developing (DDL) and (DML) and building referential integrity for the (RDMS).
* Performs database development and maintenance tasks.
* Designs and develops databases structures, scripts, transformation (ETL) scripts and common components
* Good understanding of ACID properties, Locks, Recovery model
* Good knowledge of making SSAS Cubes and can writes MDX query as well
* Understanding of data warehousing concepts such as Cubes, Fact Table, Dimensions Table, OLTP, OLAP
* Experience in writing SQL Queries, TSQL, Stored Procedures, Views, Functions, Indexes, and database Triggers.
* Experience in designing and developing SSIS packages for loading data from Oracle, text files, Excel, Flat files to SQL Server database.
* Good understanding of developing Star Schema, Snow flake Schema and Dimensional Data modeling using MS SQL Server Analysis Services (SSAS) on a Data Warehouse.
* Expert in creating packages for migration of the data from one source to different destination using SSIS and Handling error with Event handler using SSIS.
* Experience in the design, development and implementation of RDBMS using MS SQL and using oracle 8i/9i as well.

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| **TECHNICAL SKILLS:**  **Databases**  MS-SQL Server 2016/2014/2012/2008R2/2008/2005,  Oracle 11g/10g, Teradata, Microsoft Access  **Programming Languages & Tools**  HTML, HTML 5, CSS, CSS3, XML, SSRS, LINQ to SQL, LINQ to XML, Design Patterns, MVC, Entity Framework, T-SQL  **IDE Tools**  VisualStudio2013/2012/2010/2008/2005  **Framework**  Microsoft .Net Framework 4.0/3.5/3.0  **Data Modeling**  Erwin, MS Visio 2010/2007  **ETL Tools**  SQL Server Integration Services (SSIS) | **Reporting Tools**  SQL Server Reporting Services (SSRS) 2008R2\2008  **SQL Server Tools**  SQL Server Management Studio,  SQL Server Business Intelligence Development studio  SQL Server Agent  **Configuration Management Tools**  JIRA, Team Foundation Server (TFS)  **Operating System**  Windows Server 2003,2008,2012,  Windows XP Professional/Standard |

**Work Experience:**

**Humana, Louisville, KY May 2017 to Present   
Sr. BI Developer/SQL Server Developer**

**Responsibilities:**

* Involved in requirements gathering, analysis, design, deployment and user training.
* Involved in Physical / Logical design of database, creating and managing the database and all the database objects in SQL server 2012.
* Developed E-R diagrams (logical and physical using Erwin) mapping the data into database objects.
* Designed and developed various DB Objects like Stored Procedures, User defined functions, triggers and used Indexes for accomplishing various tasks.
* Written complex and dynamic T-SQL scripts for constructing tables, joins, user functions, Stored Procedures, views, indexes, triggers and Cursors.
* Develop reports using Crystal Reports, responsible for the ETL development extract, transfer and load of the data from the files received. The database used is MS SQL Server 2017 and the tool used is SSDT.
* Built the SSAS Cubes and optimized them.
* Loaded Data Daily into SSAS cubes using Process Incremental and Caching of SSAS Cubes to have even more faster response
* Created Views to facilitate easy viewing implementation and for security
* Used SQL Server Agent to automate the process of rebuilding indexes at regular interval for better performance.
* Responsible for Backup of databases.
* Created packages using various Data transformations and tasks and scheduled jobs to perform filtering operations and to export the data (reports) on daily, monthly basis on to SFTP server using SSIS.
* Transformed data from various data sources using OLE DB connection by creating various SSIS packages.
* Successfully deployed SSIS Package into Production environment and used Package configuration to export various package properties to make package environment independent.
* Worked with deployment, maintenance, usability and portability of SSIS Packages
* Implemented Event Handlers and Error Handling in SSIS packages and notified process results to various user communities.
* Used SQL server reporting services (SSRS) delivering enterprise, Web-enabled reporting to create reports that draw content from a variety of data sources.
* Worked on SSRS to generate more than 80+ reports for various user groups and developer groups.
* Developed Reports, Sub Reports, Drilldown reports, Data driven subscriptions, and used various features like Charts, graphs, filters etc.
* Created stored procedures and used as the datasets for the Report Design.
* Developed Linked reports in SSRS.
* Developed complex and customized stored procedures and Queries for implementing business logic and process in backend, for data extraction, reports and other client interfaces.
* Supported ETL process of the company to provide better business model and structure of database systems and scheduled Jobs, Alerts on DTS/SSIS Packages to migrate data on multiple servers.
* Worked with business analysts to transform business requirements into BI design specifications and provided up front mockups of user reports and navigation in reports and dashboards, designs and configures BI metadata layer.
* Design and document CI/CD tools configuration management Creating and configuring Jenkins jobs, build and delivery pipelines.
* Responsible for orchestrating CI/CD processes by responding to Git triggers, human inputs, and dependency chains and environment setup.

**Environment:** SQL Server 2008R2/2012, SQL Server Management Studio (SSMS), SSRS, SSAS, Business Intelligence Studio, Windows Server 2008

**Harley Davidson, Milwaukee, WI June 2016 to April 2017**

**Sr. BI Developer/SQL Server Developer**

**Responsibilities:**

* Experienced in Data Modeling used to define and analyze data requirements needed to support the business processes within the scope of corresponding information systems in organizations.
  + Experienced in Team Foundation Server which also includes a data warehouse where data from work item tracking, source control, builds, and testing tools are stored.
  + Generated Drill down, Drill through, Matrix Reports, and Parameterized reports using expressions to calculate, group, filter, and parameterize report using SSRS.
  + Review reporting outputs for transparency, consistency, and accuracy.
  + All team projects are stored and managed with Team Foundation Server.
  + Involved in Team Foundation Server which provides a set of collaborative software development tools that integrate with your existing IDE or editor thus enabling your cross-functional team to work effectively on software projects of all sizes.
  + Developed functions, triggers, stored procedures, views, tables, and SQL scripts to meet the requirements of the business users and application development.
  + Deploying and scheduling Reports using SSRS to generate all daily, weekly, monthly and quarterly Reports including Current status.
  + Familiar with Sybase Data Server which is also known as Adaptive Server Enterprise or ASE.
  + Sybase offers a good interface for performing basic database tasks. Developed Stored Procedures for the Datasets to build the reports for the client requirements.
  + Created SQL Joins, sub-queries and other SQL code to implement business rules.
  + Performance tuning, and optimization of procedures and queries.
  + Worked with the use of Data Modeling Standards for all projects requiring a standard means of defining and analyzing data within an organization, to manage data as a resource, for the integration of information systems, for designing Databases/Data Warehouses.
  + Designed and developed SSIS Packages (.dtsx files) to import and export data from MS Excel, SQL Server, Oracle and Flat files.
  + SSIS packages to update tables with monthly data and automated it through scheduled jobs for the beginning of every month.
  + Created reports using stored procedure. Involved in scheduling, creating snapshots and subscriptions for the reports using SSRS.
  + Designed packages which utilized tasks and transformations such as Execute SQL Task, Data Flow Task, Sequence Container, For Each Loop Container, Lookup, Aggregate and Derived Column.
  + Developed packages in SSIS with error handling.
  + Created Package Configurations to deploy packages from development to production server.
  + Successfully managed Extraction, Transformation and Loading (ETL) process by pulling large volume of data from various data sources using BCP in staging database from MS Access, excel.
  + Experienced in participating meetings with business users to gather the requirements.
  + Involved in the analysis of existing database structures and creating the new tables and views as per the requirements.
  + Worked with development teams in the design of physical databases and in modification.
  + Involved in the process of Data Modeling which includes professional data modelers working closely with business stakeholders, as well as potential users of the information system.
  + Participating to create Star Schema, Snow Flake Schema using the concept of data modeling with Team.
  + Experienced in Dimensional Data Modeling and some of the terms commonly used are Dimension Table, Attributes, Hierarchy, Fact Table, Lookup Table.

**Environment:** MS SQL Server 2012, SQL Server Integration services (SSIS), SQL Server Reporting Services (SSRS), SQL Server Analysis Services (SSAS), T-SQL, ORACLE, Microsoft Office 2010, OLAP.

**Citizens Bank, Providence, RI Dec 2015 to May 2016**

**SQL Developer/SSIS/SSRS/SSAS**

**Responsibilities:**

* Gathered business requirements by interacting with the Business Analysts. Installed and Configured SQL Server 2012. Configured the Window Server for required Service Packs.
* Developed Database Objects such as Tables, Views, Stored Procedures, Functions, and Triggers using SQL Server Management Studio (SSMS) and T-SQL statements to implement complex business logic. Designed and implemented Stored Procedures and Triggers for automating tasks.
* Created Indexes and performed Index Tuning using Index Tuning Wizard for tables and came up with more efficient solutions to use Clustered and Non-Clustered Indexes for significant performance boost.
* Reduced the T-SQL overhead successfully by avoiding unnecessary use of The UNION, statement & using the TOP operator to limit the Select Statement in certain Queries.
* Created SSIS packages to load data into Data Warehouse using Various SSIS Tasks like Execute SQL Task, bulk insert task, data flow task, file system task, send mail task, active script task, xml task.
* Used SSRS to create reports, customized Reports, on-demand reports, ad-hoc reports and involved in analyzing multi-dimensional reports in SSRS.
* Maintain Operators, Categories, Alerts, Notifications, Jobs, Job Steps and Schedules. Monitor connections, locks and performance of SQL server. Integrated ASP.Net pages with SQL server Database. Designing and building data load procedures using MS SQL Server.
* Wrote standard & complex T-SQL Queries to perform data validation and graph validation to make sure test results matched back to expected results based on business requirements
* Used Execution Plan, SQL Profiler and Database Engine Tuning Advisor to optimize queries and enhance the performance of databases.
* Managed the Metadata associated with the ETL processes used to populate the Data Warehouse.
* Developed User Defined Functions and created Views.
* Improved Performance of the database by creating Clustered and non-clustered Indexes and by optimizing the T-SQL statements using SQL profiler.
* Created Triggers to maintain the Referential Integrity.
* Reviewed existing business procedures and recommended and implemented changes.
* Trouble shoot problems with the various teams including network related issues.
* Rebuilding Indexes and Tables as part of Performance Tuning.
* Involved in daily batch loads (Full & Incremental) into Staging and ODS areas, troubleshooting process, issues and errors using SQL Server Integration Services (SSIS).
* Used Tableau to visually analyze data and create concise and actionable dashboards.
* Optimized the performance of queries with modification in T-SQL queries, normalized tables, established joins and created indexes.
* Wrote T- SQL queries, Stored Procedures and used them to build SSIS packages.
* Created views to restrict access to data in a table for security.
* Supported Application Development team with any database issues, updates or new releases. And deadlock issues, best practices in structuring SQL Queries, debugging unexpected SQL results etc.

**Environment:** MS SQL Server 2008R2/2012, SSRS 2005, SSIS 2005, SSAS, Windows Server 2003, PVCS, Citrix, Windows XP, Erwin 7.1, MSMS, MS Visual Studio 2012, ASP.Net, Xml.

**ING Vysya Bank, Bangalore, India Mar 2012 to Nov 2015**

**SQL Developer**

**Responsibilities:**

* Rigorously tested and debugged the Stored Procedures and used Triggers to test the validity of the data after the insert, update or delete.
* Configured and installed SQL Server 2008 on Windows 2003 Server. Migrated databases from Oracle database to MS SQL Server 2008. Involved in normalization of the Database in OLTP. Developed Logical and physical data model using ERWIN and mapped the data into database objects.
* Created database diagrams in SQL Server Management Studio (SSMS). Created Stored Procedures, User Defined Functions, Views, TSQL Scripting for complex business logic.
* Used Joins, correlated and non-correlated sub-queries for complex business queries involving multiple tables from different databases and implemented triggers and stored procedures and enforced business rules via checks and constraints.
* Created Stored Procedures which generated the necessary fact and dimension tables and functions that allowed performing necessary calculations depending upon the requirement. Performed time calculations and date functions using calculated measures and MDX queries.
* Design and created different ETL packages using SSIS from Oracle source to SQL server as destination. Created SSIS Packages to export and import data from CSV files, Text files and Excel Spreadsheets.
* Analyzed, designed, and provided AD-HOC, standard, and executive summary reporting services (SSRS) for internal use and client presentation.
* Experience with Analysis services 2005 and made various cubes based on the reporting requirement.
* Integrated ASP.Net Webpages to the SQL server 2000 Back end. Integrated Asp.Net pages with SSRS reports.
* Diagnosing and tuning the server optimal performance using SQL Server 2008 SQL Profiler and Database Engine Tuning Wizards. Created Alerts for successful or unsuccessful completion of scheduled Jobs. Created Subscriptions for the users to deliver the reports in a timely manner.
* Streamlined increased efficiency and productivity, to keep pace with ever increasing client reporting needs.

**Environment:** MS SQL 2008, Oracle 10g, SSRS 2008, SSIS 2008, SSAS 2008, SQL Server Migration Assistant, SQL Server Query Analyzer, Windows Server 2003, Windows XP, VSS, Erwin 7.0, Asp.Net.

**Client: Insoft.com, Chennai, India Jan 2011 to Jan 2012**

**Programmer Intern**

**Responsibilities:**

* Involved in Creation of database, tables, stored procedures, triggers, and user defined functions for dealing with student data. Involved in Installation and configuration of SQL Server 2008 for reporting purposes on Windows 7, Vista Systems.
* Installed and configured SQL Server 2008, SQL Server Integration Services and SQL Server Reporting Services. Involved in requirements analysis, development, deployment and unit testing of components. Created SSIS packages to import data from MS Access, Excel to SQL 2008.
* Created Complex SQL queries, Derived tables, common table expressions (CTEs), stored procedures, views, user defined functions (UDF).
* Performed T-SQL tuning and optimization of queries that take longer execution time using MS SQL Profiler, Indexes and Execution plans in MS SQL Server 2008.
* Used stored procedures, wrote new stored procedures, modified existing ones and tuned them such that they perform well.
* Helped design and implement processes for deploying, upgrading, managing, archiving and extracting data for reporting. Tested and analyzed relational and OLAP data. Enforced different business constrains and rules using triggers and check constraint.
* Developed complex Stored Procedures and views to generate various Drill-through reports, parameterized reports and linked reports using SSRS.
* Used advanced features of T-SQL in order to design and tune T-SQL to interface with the database and other applications in the most efficient manner and created stored procedures for the business logic using T-SQL
* Managed all indexing, debugging, optimization and performance tuning using SQL Profile and SQL Server agent.
* Designed, deployed and tested stored procedures, views and complex queries for report distribution.
* Effectively used views to prevent unauthorized access.
* Tuned SQL queries using execution plans for better performance.

**Environment:** MS SQL Server 2005/2008, MS SQL Server Reporting Services 2008, VISIO, T-SQL,SSIS 2008.