**Rakesh Menon**

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**Professional Summary:**

* **7.5 years** experience which includes design, development, testing and  implementation of applications, reports and databases (MS SQL Server 2005/2008/2008R2/2012) in production environments and BI tools (SSIS & SSRS)
* Experience in migration of data from Excel, DB2, Sybase, Flat file, Oracle to MS SQL Server using BCP and DTS utility and extracting, transforming and loading of data using SQL Server DTS
* Experience in implementation of the Stored Procedures, Triggers, Functions and Packages using T-SQL and Experience in query optimization & performance tuning.
* Experience in system documentation which includes design, development, testing and   implementation of applications, reports and databases (MS SQL Server 2005/2008/2008R2/2012) in production environments.
* Extensive experience in writing and debugging complex stored procedures, cursors, triggers, Inner Joins & Outer Joins, views and user-defined functions.
* Involved in designing, developing and testing of the ETL (Extract, Transformation and Load) strategy to populate the insurance data from various source systems
* Experience with  Converting data from legacy systems to new systems
* Experienced in software development life cycle (SDLC) involving system analysis, design development and implementation using waterfall methodology and agile methodology.
* Implemented SSIS transformation like Lookup transformation, Derive Column, Conditional Split, Merge Join, OLEDB Command, and Row Count.
* Design and develop SSIS packages, stored procedures, configuration files, tables, views, functions and implement best practices to maintain optimal performance
* Transformed data from one server to other servers using tools like Bulk Copy Program (BCP), Bulk Insert, Data Transformation Services (DTS) and SQL Server Integration Services (SSIS) (2005/2008/2008R2/2012).
* Created packages using Integration Services (SSIS) for data extraction from Flat Files, Excel Files OLEDB etc. to Access etc.
* Experience in migration of DTS packages in to SSIS packages.
* Possesses extensive experience using Microsoft SQL Server Reporting Service (SSRS) with report authoring, report management, report delivery and report security.
* Experience in creating new reports and ad-hoc reporting, convert Crystal Reports to SQL Server Reporting Services (SSRS) reports.
* Extensive experience in designing and developing rich user experience reports using Matrix, Tabular, and Drill down/up, and Drill through features in using Business Intelligence Development Studio (BIDS).
* Skilled in creating user interactive report dynamic parameters using Drop Down, Multi-Valued, Cascading and Expert in working with all Collections in reports like Fields, Global, User, Parameters, Variables and Report Items

**SQL Server Integration Services (SSIS)**

* Proficient in usage of SSIS Control Flow items (For Loop, Execute package/SQL tasks, Script task, send mail task) and SSIS Data Flow items (Conditional Split, Data Conversion, and Fuzzy lookup, Fuzzy Grouping, Pivot and Un-Pivot).
* Experience in building SSIS packages (.Dtsx) involving ETL process, extracting data from various flat files, Excel files, legacy systems and loading into SQL server.
* Hands on experience working with SSIS, for ETL process ensuring proper implementation of Event Handlers, Loggings, Checkpoints, Transactions and package configurations.
* ETL implementation using SQL Server Integration Services (SSIS).
* Transformed data from one server to other servers using tools like Bulk Copy Program (BCP) and SQL Server Integration Services (SSIS).

**SQL Server Reporting Tools (SSRS)**

* Strong Experience in creating Ad Hoc, parameterized reports, Linked reports, Snapshots, Drilldown and Drill through reports.
* Expertise in designing complex reports like Drill-Down Reports, Drill-Through Reports, and Parameterized Reports using SQL Server Reporting Services (SSRS) based on client requirement.
* Created various SSRS Reports involving variety of features like Reports,Charts,Filters,Sub-Reports,DrillDown,Drill-Through,Multi-valued parameters etc.
* Built effective queries for high-performance reports and rendered them to HTML, XML, PDF and Excel formats using SSRS.
* Supported team in resolving SQL Reporting services and T-SQL related issues and Proficiency in creating different types of reports such as Cross-Tab, Conditional, Drill-down, Top N, Summary, Form, OLAP and Sub reports, and formatting them.

**Technical skills:**

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| --- | --- |
| **Databases** | Microsoft SQL Server (2005/2008/2008R2/2012), Oracle 8i/9i, DB2, MS Access. |
| **Database Tools** | MS SQL Server (2005/2008/2008R2/2012), MS-Access, SQL Server Integration Services(SSIS), Data Transformation Services(DTS), SQL Server Reporting Services(SSRS). |
| **Development skills** | T-SQL, PL/SQL, SSIS/SSRS. |
| **Languages** | VB.net |
| **ETL Tools** | DTS, SSIS (SQL Server Integration Services), |
| **Reporting Packages** | SQL Server Reporting Services, MS Excel, Crystal Reports. |
| **Tools/Methodologies** | MS Project, SQL Profiler, Toad, TFS 2010 |
| **Operating Systems** | Windows XP, Windows 7,Windows 8, Win 2003/2008/2008R2 |

**Education:**

Bachelors Degree, Mumbai University.

**Professional Experience:**

**Amgen, Thousand Oaks, CA Sep 2013 – Now**

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

Amgen **(**Applied Molecular Genetics) is an American multinational biopharmaceutical company headquartered in Thousand Oaks, California. Amgen is the world’s largest independent biotechnology firm**.**

**Responsibilities:**

* Developed different types of tabular reports, matrix reports, chart and graphs, reports that aggregate data using SQL Server Reporting Services
* Embedded the reports on to application using MS Report Viewer in Visual Studio 2010
* SQL query optimization in SSRS by designing required indexes/partitions after analysis using SQL profiler and examining execution plans in SQL server Management studio
* Designed Complex SSIS ETL packages to load the data from different sources like OLEDB, EXCEL, FLAT Files, RAW Files and DB2 into various Servers and Databases.
* Creating and running SSIS Packages for Import and Export of Heterogeneous Data
* Scheduling and running jobs in the background, taking regular backups of the systems and recover data during failures and CreatedpackagesinSSISwitherrorhandling
* Scheduled Jobs for executing the stored SSIS packages which were developed to update the Database on Daily basis
* Worked on SSIS script task, look up transformations and data flow tasks using T-SQL and Visual Basic (VB) scripts
* Planned the complete backup (with the suitable recovery model) of various Databases
* Created Clustered and Non Clustered Indexes on tables for performance optimization of complex stored procedures
* Performance tuning of the stored procedures, user defined functions and long running queries
* Responsible for keeping system and databases up-to-date by making necessary changes
* Worked with DBA to manage LoginandUser:AddingLogins,Roles,andGroupstotheWindowNTandMSSQLServerandMaintainingpropersecurityprocedures.
* Providing information and assistingthe Database Architects insystem documentation (design, test plans, test execution, implementation plans and implementation execution)
* Wrote database triggers for automatic updating, auditing of the tables
* Managed and monitored system utilization
* Generated server side T-SQL scripts for data manipulation and validation and created various snapshots and materialized views for remote instances.

**Environment:**SQL Server 2012, SQL Services Integration Services 2012, T-SQL, XML, MS SQL Reporting Services 2012, Oracle 8i/9i TOAD, Team Foundation Server, SQL Profiler, MS Office, DB2, Windows Server 2008R2.

**Sensata Technologies, Attleboro, MA Aug 2012 – Sept 2013**

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

Sensata Technologies manufactures devices that improve safety, efficiency, comfort and are used in automotive, appliance, aircraft, industrial, military, heavy vehicle, heating, air conditioning, data, telecommunications, recreational vehicle and marine applications.

**Responsibilities:**

* Designed and developed parameterized reports, linked reports, matrix and tabular reports with drill down, drill through and drop down menu option using SSRS
* Embedded the reports on to application using MS Report Viewer in Visual Studio 2008
* Design, deployment, and maintenance of various SSRS Reports in SQL Server 2008R2.
* Used SSRS Reports to write complex formulas and to query the database to generate different types of ad-hoc reports for Business Intelligence
* Created new database logically and physically designed to fit new business requirements
* Queried against Heterogeneous Data Sources like SQL Server, Oracle, to retrieve records for data loads using SSIS 2005/2008
* Involved in the extraction of data from different sources like OLTP server, flat files, excel and legacy databases
* Expertise in Using different Transformations like Lookups, Derived Column, Merge Join, Fuzzy Lookup, For Loop, For Each Loop, Conditional Split, Union all, Script component.
* Developed SQL Queries to fetch complex data from different tables in remote databases using joins, database links and formatted the results into reports and kept logs
* Configured SQL mail agent for sending automatic emails SQL Clustering a plus and networking concepts when a **SSIS** process failed succeeded or completed
* Implemented Event Handlers and Error Handling in SSIS packages and notified process results to various user environments
* Planned job scheduling using SQL Server Agent to perform hourly/daily/nightly updates.
* Involvedindevelopmentofautomateddaily,weeklyandmonthlysystemmaintenancetaskssuchasDatabasebackup,ReplicationVerification,andDatabaseintegrityverificationandIndexingupdates
* Data being highly confidential even within the organization, required high levels of security being applied throughout the processing in the SQL Server.
* Assisted reporting team by using SQL Servers to run ad-hoc queries and prepare reports for the management
* Write T-SQL statements for retrieval of data and involved in performance tuning of TSQL queries.
* Generated test data and tested new databases consistency with existing databases to meet the functionalities requirements

**Environment:** SQL Server Management Studio 2012, SQL Server Data Tools 2012, T-SQL, XML, MS SQL Reporting Services 2012, Oracle 8i/9i TOAD, Team Foundation Server 2010, SQL Profiler, MS Office, DB2, Windows Server 2012

**MRI Software, Solon, OH July 2011 - Aug 2012**

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

MRI Software is a provider of real estate and investment management software to real estate owners, investors, and operators. MRI’s software has been installed over 4,500 times in five continents and in 41 countries.

**Responsibilities:**

* Designed, deployed, and maintained various SSRS Reports in SQL Server 2005
* Created Sub-Reports, ad-hoc reports, Drilldown-Reports, Summary reports, and Cross Tab reports
* Experience in migrating from Business Objects Crystal Reports to SQL Server 2005 Reporting Services
* Actively participated in gathering Business Requirements that are focused on providing a user friendly System usage or ambience
* Created ETL metadata reports using SSRS, reports include like execution times for the SSIS packages, Failure reports with error description
* Design and develop SSIS packages, store procedures, configuration files, tables, views, and functions; implement best practices to maintain optimal performance
* Used different Control Flow Tasks and Data flow Task for Creating SSIS Packages. Used different types of Transformations for Data Conversion, Sorting and cleaning the data from different Sources into Company Format
* Created SSIS packages to download data from FTP sites and populating into different databases and tables.
* Created SSIS packages to import data from MS Access, Excel to SQL 2008R2
* Optimized the query performance with modification in T-SQL queries, removing unnecessary columns, eliminating redundant and inconsistent data.
* Effectively created and used views in SQL Server to prevent unauthorized access
* Performed tuning of databases by normalizing database, establishing necessary joins, creating useful clustered index and non-clustered indexes.
* Developed and created the new database objects including tables, views, indexes, stored procedures and functions, advanced queries and also updated statistics using Query Analyzer
* Worked on **complex data loading** (implemented the batch data cleansing and data loading
* Meeting with Business Analyst and data modelling team to understand requirements and existing
* Performed Index analysis for tables and came up with more efficient solutions to use Clustered and Non-Clustered Indexes for significant performance boost using index tuning wizard
* Data conversion from Text File into SQL Server Table and Database recovery and database maintenance plan
* Assisted in writing system documentation (designing and implementing database logical and physical schemas and document the testing and maintenance of system corrections)

**Environment:** SQL Server 2005/2008R2, SQL Services Integration Services 2008R2, T-SQL, XML, MS SQL Reporting Services 2005/2008R2, Crystal Reports, SQL Profiler, MS Office, DB2, Windows Server 2008.

**Petco, San Diego, CA Nov 2010 - June 2011**

**SSIS/Informatica Developer**

Petco Animal Supplies is a privately held pet specialty retailer in the United States that sells pet specialty products and services, such as grooming and dog training. Petco operates in more than 1,300 locationsacross the United States, Mexico and Puerto Rico and an online shopping destination at petco.com.

**Responsibilities:**

* Extensively worked on ETL methodology for supporting data extraction, transformation and loading mechanism.
* Used SQL Loader, Import and Export for data loading and for data migration in data staging environment
* Extract, Transform and Load (ETL) source data into respective target tables to build the required data marts.
* Experience in using SSIS tools like Import and Export Wizard, Package Installation, SSIS Package Designer
* Created new database objects like Sequences, Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server 2000/2005.
* ETL job design, development and testing using Informatica and SSIS.
* Responsible for performance tuning of SQL queries creating indexes, partitioned tables to improve overall performance of the system

**Environment:** MS SQL Server 2008, DTS, SQL Server Integration Services 2008,Informatica, T-SQL, XML, MS SQL Reporting Services 2008, Oracle 8i/9i, TOAD, SQL Profiler, MS Office, DB2.

**Helix Energy Solutions, Houston, TX Jan 2010 – Oct 2010**

**SQL Server Developer**

Helix Energy Solutions Inc. is an American oil and gas services company headquartered in Houston, Texas. It is a global provider of offshore services in well intervention and remotely operated underwater vehicle (ROV) operations of new and existing oil and gas fields.

**Responsibilities:**

* Worked as a developer on databases like MS SQL Server 2005, MS Access
* Providing information and assistance to the Database Architects on physical models, setup and maintenance of metadata
* Performed Index analysis for tables and came up with more efficient solutions to use Clustered and Non-Clustered Indexes for significant performance boost using index tuning wizard
* Data conversion from Text File into SQL Server Table and Database recovery and database maintenance plan
* Implemented complex conceptual database design into SQL Server 2005 using Normalization, various Constraint and Triggers.

**Environment:** SQL Server 2005, T-SQL, XML, MS Office, Windows Server 2003, MS Visual Source Safe 2005, Query Analyzer, SQL Profiler, Oracle 8i/9i, TOAD.

**Karvy Securities, Hyderabad, India Dec 2007 - Nov 2009**

**SQL Server Developer**

Karvy Securities is a premier integrated financial services provider and ranked among the top five in the country in all its business segments. It services over 20 million individual investors in various capacities and provides investor services to majority of Corporate India.

**Responsibilities:**

* Worked on MS SQL Server tasks such as data loading, batch jobs, BCP, DTS, and Indexes.
* Designed and created Databases, Indexes, Views, Aggregations, Stored Procedures, Partitions and maintained Data Integrity
* Data being highly confidential even within the organization, required high levels of security being applied throughout the processing in the SQL Server.
* Generated server side T-SQL scripts for data manipulation and validation and created various snapshots and materialized views for remote instances.
* Designed and written the queries and using Cursors, Joins, Constraints and User Defined Functions in the query builder for retrieving and manipulating data for reporting purposes.
* Meeting with Business Analyst and data modelling team to understand requirements and existing system tables, relationships and database constraints
* Developed triggers to enforce data integrity and additional referential integrity

**Environment:** SQL Server 2005, T-SQL, XML, MS Office, Windows Server 2003, MS Visual Source **Safe, Query Analyzer, SQL Profiler.**

**Perot Systems, Noida, India Jan 2007 – Oct 2007**

**Data Analyst**

Perot Systems was an information technology services provider founded and based in Plano, Texas, United States. A Fortune 1000 corporation with offices in more than 25 countries, Perot Systems employed more than 23,000 people. The company maintained offices in more than 25 countries around the world, including the United States, Europe, India, China and Mexico.

**Responsibilities:**

* Identified goals and objectives of projects. Created project plan by gathering the requirements from the management.
* Creating Data Definitions and the Meta Data Repository
* Explored data to identify its model role and measurement level.
* Gathered requirements from business users and wrote user requirement documents based on functional specification.
* Verified data for missing values and incorrect data and then cleaned and structured the data based on the format required.
* Used SQL to run ad-hoc queries and prepare reports to the management.
* Involved in brainstorming activities for the logical database design and functional requirements with the customers and other team members.
* Merging data into a single server for achieving better control, consistency & security of data.

**Environment:** SQL Server 2005, T-SQL, XML, MS Office, Windows Server 2003, Source Gear Vault.