**Vinesh Kumar**

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**PROFESSIONAL SUMMARY:**

* Over 6+ years’ experience in Database design, development and administration using MS SQL Server 2014/2012/2008 and 2005 in Production, Test, Development environment.
* Experience in Data Modeling (Logical and Physical Design of Databases), Normalization and building Referential Integrity Constraints.
* Strong working experience in SQL Server and T-SQL in constructing triggers, tables, Joins, cursors, user functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Written Complex Stored procedures as well as analyzing and debugging existing complex stored procedures, suggested creating Clustered and Non- Clustered indexes on tables.
* Thorough knowledge of addressing Performance Issues and Involved in query tuning, Index tuning, Data Profiling and other database related activities.
* Has a very good experience in creating SSIS packages to manage SQL server databases and SQL server objects between instances of SQL server.
* Developed C#, VB.Net scripts as part of ETL coding.
* Extensive experience in data migration between homogeneous & heterogeneous systems using various tools (DTS Import Export Data, DTS Packages, Bulk Insert and BCP, SSIS).
* Experience in providing Logging, Error handling by using Event Handler, and Custom Logging for SSIS Packages.
* Expert in maintaining existing SSIS packages and build new packages from scratch using SSIS for all types of applications.
* Proven hands-on experience in data warehousing appliances such as Netezza and Teradata. Working knowledge of various SQL optimization techniques
* Expertise in Complex ETL Packages using SSIS to extract data from staging tables to partitioned tables with incremental load.
* Extensive knowledge of Designing, Developing and deploying various kinds of reports using SSRS relational and multidimensional data.
* Expert in generating Drilldown reports, Parameterized reports, Linked reports, Sub reports and charts in SSRS 2008/2012/2014.
* Experience in Troubleshooting of Report Processing, Subscription Delivery and Configuration Problems.
* Experienced in writing complex TSQL Queries involving various tables using SQL joins and writing Sub Queries. Experienced in writing complex-SQL Stored Procedures and constructing Tables, Triggers, user functions, Views, Indexes, Relational data models and data integrity.
* Experience in writing Expressions in SSRS and Expert in fine tuning the reports.
* Involved in Designing and Building of OLAP dimensions and cubes using SSAS.
* Familiarity with Star and Snowflake schema data modelling techniques for OLAP database design.
* 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 calculations created SSAS storage partitions and aggregations.
* Knowledge in SQL Server Clustering, Replication, Data Mirroring, Snap Shot, Linked Servers and Log Shipping.
* Familiarity with DBA Activities in Development/Test environments including Backups, Restores, Security, User management and Performance Tuning.
* Identifying & resolving blocking and deadlocks.
* Strong knowledge of how indexes, index management, integrity checks, configuration, patching. How statistics work, how indexes are stored, how they can be created and managed effectively.
* Expertise in creating and maintaining jobs in various job scheduling systems includes SQL Server Agent job, Active Batch Scheduler.
* Excellent problem resolution and communication skills with ability to work under pressure in a highly visible role and 24x7 on call Production support.
* Strong inclination for finishing job before project deadline. Flexible and versatile to adapt to any new environment and work on any project.

**TECHNICAL SKILLS:**

**Databases:** SQL Server 2005/2008/2012/2014, Oracle

**Operating Systems**: Windows 10/7, Windows Server 2003, Windows XP,

Windows 98/NT/XP/Professional

**Languages:** T-SQL, PL/SQL, C/C++, HTML, DHTML, XML, VBScript, Share

point 2010/2013, DTS, C#, Visual Basic,ASP.net

**ETL Tools**: SQL Server Integration Services (SSIS), BCP

**Reporting Tools**: SQL server Reporting Services (SSRS), Tableau, Power BI

Desktop, EPM.

**Tools**: SQL Server Enterprise Manager, Active Batch Scheduler, TFS, HPQC

Agile/Scrum, Jira Project Management, Visio, Red Gate, SQL Server Profiler, SharePoint 2010/2013Visual Source Safe

**Protocol**: FTP, TCP/IP, Named Pipes

**PROFESSIONAL EXPERIENCE**

**Department of Aging and Disability Services (DADS), Austin, Texas Jan 2016 - Till Date**

**Sr. MSBI Developer**

**Responsibilities:**

* Created Database Maintenance Plans for Performance of SQL Server which covers Database Integrity Checks, Update Database Statistics and Re-indexing.
* Fine-tuned the database objects and server to ensure efficient data retrieval.
* Performed performance tuning using the SQL Profiler and execution plan in SQL Server.
* Modify existing reports, stored procedures, views to align the report data to meet the compliance need and improve the operational effectiveness.
* Developed Stored Procedures, triggers, tables, views and SQL joins and statements for applications using SQL server.
* Prepared Business Model and technical documents for the existing applications and Customer Requirements.
* Implemented various SSIS Transformations like Data Conversion, Derived Column, Lookup, Fuzzy Group, Multicast, etc.
* Fields are updated on time basis like day, month, quarter, year using SSIS packages.
* Created cubes in SSAS using multi-dimensional model based on business requirements.
* Created stored procedures to build the Fact tables in the data mart for Multi-Dimensional analysis using SSAS and produced ad-hoc, standard and super user reports using SSRS.
* Experience with SQL Server Reporting Services (SSRS)
* Migrated different kinds of records using Reporting Services Migration Tool by performing necessary steps to prevent loss of reports.
* Involved in the preparation of the unit test case documents and unit testing of the enhanced macro codes, T-SQL queries.
* Development of custom scripts and stored procedures for data import and manipulation.
* Experience building SSRS reports using a variety of data resources including SQL server, Excel, etc.
* Involved in writing T-SQL stored procedures and triggers.
* Worked on Report generation using SQL Server Reporting Services SSRS that could be used to send information to Client.
* Created Drill-through reports, parameterized reports and linked reports using SSRS.
* Working with Hi charts, using chart development tools in different environments, extensively working on Drill down and summary reports for Hi charts and Executive Dashboards.
* Working with Self-service BI, enterprise Integration and Dashboards.
* Experience in importing/exporting data between different sources like MySQL/Teradata/Oracle/Access/Excel etc. using SSIS/DTS utility.
* Deployed SSIS packages from Development to Testing Servers/Production.
* Working on client needs, implementing technology solutions, supporting end users.
* Involved with Query Optimization to increase the performance of the Reports.

**Environment**: SSIS, SSAS, SSRS, MS SQL Server 2008/2012, and Eclipse, Windows Server/professional, MS-Visual Studio, Power BI, Power View, TFS 2010, SharePoint 2010,2013, Hi-Charts, Microsoft InfoPath.

**Bonafide Management INC, Austin, Texas Jan 2014 - Dec 2015**

**Department of Aging and Disability Services (DADS)**

**SQL Server Developer**

**Responsibilities:**

* Owns and drive the technical design, development, and on-going support of Enterprise Data Warehouse and associated ETL processes.
* Analyzes, tune and optimize ETL packages, Stored Procedures & SQL scripts to ensure peak performance.
* Involved in Physical / Logical design of database, creating and managing the database and all the database objects.
* Support the ongoing data quality and data integrity initiatives through the creation and expansion of audit, balance, and control procedures, alerts and reports.
* Responsible for monitoring and making recommendations for performance improvement in hosted databases. This involved index creation, index removal, index modification, file group modifications, and adding scheduled jobs to re-index and update statistics in databases.
* Developed the packages with monitoring features and logging so that audit information of the packages and their execution results are loaded in to the audit table.
* Wrote T-SQL queries to fetch data which is utilized as Source in SSIS packages.
* Monitored and modified Performance using execution plans and index tuning.
* Used various SSIS tasks such as Conditional Split, Derived Column which were used for Data Scrubbing, data validation checks during Staging, before loading the data into the Database.
* Created stored procedures using Common Table Expression (CTE) and various types of UDF functions.
* Used Script component using C#, .Net to perform row-by-row transformations in data flow tasks.
* Extensively used T-SQL in constructing user functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Created Complex SSIS packages for XML, CSV and Excel file generation from SQL Server Database.
* Worked on all types of reports like tables, matrix, charts, sub reports etc.
* Report Manager set up, Deployment of RDL files and Standard Subscriptions set up.
* Report parameters included single valued parameters, multi-value parameters which also consist of different parameter types like hidden, internal, default (queried and non-queried parameters).
* Created Save scripts for DML operations of Application.
* Subscribed SQL Server Azure Cloud Services.
* Created Database(s) on SQL AZURE.
* Worked on Setting up SQL Azure Firewall.
* Setting up Connection Strings and connecting SQL Server AZURE Databases from locally Installed SQL Server Management Studio (SSMS) for Developers.
* Worked on Incremental loading with Merge statement in Stored Procedures.
* Scheduled SSIS packages with SQL Agent Job.
* Created Data-driven subscriptions in SSRS to accommodate customized file names as per Client request.
* Published different kinds of reports in SharePoint and Subscribed.
* Used Team Foundation Server to maintain different versions of code effectively.
* Involved in Post-Production testing of each deployment.
* Serving as the team’s Application DBA as required to support database deployments and performance tuning.

**Environment:** MS SQL-Server 2014, Windows 7, Excel, TSQL, Microsoft Visual Studio 2013, Team Foundation Server 2012, XML, Tableau, Power BI Desktop, Share Point 2013, Master Data Management (MDM), Import Export Wizard.

**Syntel, Pune, India May 2012 - Dec 2013**

**SQL Server Developer**

**Responsibilities**:

* Collected business requirements from users and translated them as technical specs and design

docs for development.

* Worked as a developer in creating complex Stored Procedures, Triggers, Functions, Indexes, Tables, Views and other T-SQL code and SQL joins for applications.
* Extensively used T-SQL in constructing user functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Fine-tuned the logic in Procedures, Functions and Triggers for optimum performance.
* Extensively used SSIS to move data from text files to SQL Server.
* Views using T-SQL in Development and Production environment for SQL Server 2008.
* Created Quality Assurance stats reports using SSRS.
* Involved in building dimensional cubes with SQL Server Analysis Services (SSAS) and querying the data with MDX script.
* Implemented SQL Server OLAP services (SSAS) for building the data cubes.
* Defined MDX scripts for querying the data from OLAP cubes (SSAS) and build reports on top of cubes.
* Published Reports in SharePoint.
* Managed subscriptions through SharePoint.
* Created SSIS packages for new projects utilizing Business Intelligence Development.
* Writing complex Stored Procedures to meet the business requirements.
* Using SQL Profiler to estimate the Slow Running queries and performance tuning purpose.
* Applied various data transformations like Slowly Changing Dimension, Aggregate, Sort, Multicasting, Conditional Split, Derived column etc.
* Created data sources, connection strings and defined the datasets for generating the report.
* Worked on all types of report types like tables, charts, sub reports etc.
* Created Linked reports, Ad-hoc reports and etc. based on the requirement. Linked reports are created in the Report Server to reduce the repetition the reports
* Developed, monitored and deployed SSIS packages.
* Implemented Change Data Capture (CDC) on dynamic tables to capture DDL changes.
* Created logging for ETL load at package level and task level to log number of records processed by each package and each task in a package using SSIS.
* Responsible for Scheduling Jobs, Alerting and Maintaining SSIS packages through Active Batch Job Scheduler.
* Created subscriptions to provide a daily basis reports. Used Reporting Services (SSRS) to schedule reports to be generated on predetermined time.

**Environment:**MS SQL Server 2008/2012, Windows XP/Windows 7, Excel, TSQL, Microsoft Visual Studio 2008, SQL Reporting Services, SQL integration services, SharePoint 2010, Import Export Wizard.

**Skilled Res., Hyderabad, India Oct 2011- Apr 2012**

**Intern/SQL Server Developer**

**Responsibilities:**

* Created new database objects like, Procedures, Functions, Packages, Triggers, Indexes and Views using T-SQL in Development and Production environment for SQL Server 2005.
* Fine-tuned the logic in Procedures, Functions and Triggers for optimum performance.
* Developed Database Triggers to enforce Data integrity and additional Referential Integrity.
* Created SQL reports, data extraction and data loading scripts for different databases and schemas.
* Created SQL queries for data verification and analysis.
* Developed SQL Queries to fetch complex data from different tables in remote databases using joins, database links and formatted the results into reports.
* Wrote Transact SQL utilities to generate table insert and update statements.
* Wrote various Transact SQL utilities to add functionality to E-enterprise system.
* Wrote T-SQL procedures to generate DML scripts that modified database objects dynamically based on user inputs.
* Worked on MS SQL Server tasks such as data loading, batch jobs, BCP, DTS, and Indexes.

**Environment:** SQL Server 2005, Windows 2003 Server, C++, T-SQL, DTS, BCP.