Vijay

[vijayksqldba@outlook.com](mailto:vijayksqldba@outlook.com)

Phone: 732-733-4344

**Summary**

* Over **9 years** IT experience in SQL Server Database Administration, Database Design, Development and Implementation of **SQLSERVER** 2014/2012/2008R2/2005 and providing **ETL**/**Business Intelligence** applications using Microsoft components.
* Effectively involved in all the phases of Software Development Life Cycle such as **Analysis, Design, Development, Testing, Implementation and Maintenance** of projects**.**
* Extensive SQL Development experience in a **Banking & Healthcare environment** with a strong understanding of data & analytics.
* Extensive knowledge of database **installation and configuration** principles and In-depth knowledge of database procedures, regulations, applications and methods.
* Experience in Database **Backup**, Recovery and **Disaster Recovery** Procedures.
* Expertise in Database Administration on Production Servers with server configuration, performance tuning and maintenance with outstanding troubleshooting capabilities.
* Working experience in BI Solutions (ETL & Reporting) using **SSIS, SSAS, SSRS** and **T-SQL** Programming using DDL, DML, and DCL commands for various business applications.
* Expertise in writing **T-SQL Queries**, Dynamic-queries, sub-queries and complex joins for generating **Complex Stored Procedures, Triggers, User-defined Functions**, **Views and Cursors.**
* Extensive working experience in Normalization and De-Normalization techniques for both **OLTP** and **OLAP** systems in creating **Database Objects** like tables, Constraints and Indexes.
* Extensive knowledge in tuning T-SQL (DDL and DML) queries to improve the database performance and availability and Expert in using SQL Server **Agen**t to **Schedule** and monitor Job.
* Performing Data transfers between different homogeneous/heterogeneous systems (Excel, MS Access, **Oracle** and **DB2**) and SQL Server as a part of Data Migration, Data Maintenance
* Experience in building Data Integration, Workflow Solutions and **Extract, Transform,** and **Load (ETL)**solutions for data warehousing using **SQL Server Integration Service (SSIS).**
* Used **incremental** **approach** in the **Work Flows** and **Data Flows** to integrate source data into warehouse tables using required transformations.
* Expertise in merging data from various Heterogeneous Data sources, Populating **Dimension** and **Fact tables** in **Data warehouses** and Data Marts, Cleaning and Standardizing data loaded into OLTP and OLAP databases using SSIS.
* Extensive knowledge of Designing, Developing and deploying various kinds of **reports** using SSRS using **relational** and **multidimensional** data.
* Expertise in creating various **SSRS Reports** like **Charts, Filters, Sub-Reports, Scorecards, Drilldown and Drill-Through, Cascade, Parameterized** reports that involved conditional formatting.
* Expertise 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.**
* Experience in developing applications using **C#. Net, VB.Net** andStrong Experience in **Unit, Integration and System** **Testing**.
* Experience working in Application/Software as a Service environment, with a **DevOps culture.**
* Extensively experience in using **Build and Automation tools** like **Maven and Jenkins** (CI/CD).
* Experience working in **Waterfall and Agile** development methodologies.
* Worked with end users/customers to understand business requirements, recommended technical solutions and documented functional requirements.

**TECHNOLOGY EXPERIENCE**

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| --- | --- |
| Tools/Utility | Enterprise Manager, SQL Server Management Studio (SSMS), Database Tuning Advisor, DTS, Analysis Manager, BCP, SQL Profiler, SQL SERVER BIDS, Visual Studio 2005/2010, Visual SourceSafe 8.0 |
| Programming Languages | T-SQL, HTML, XML, C, C++, Visual Basic 6.0. VB.Net, |
| Tools | DTS, SSIS, SSRS, SSAS, Erwin, Hive, Jenkins, Rational clear quest |
| DATABASE | MS SQL Server 2005/2008 R2/2012/2014, Oracle 9i/10g, 11g, MS Access, |
| Operating Systems | Windows server 2012,2008R2, 2003, Unix, Linux, Mac OS |
| IT Processes | Software Development Life Cycle (SDLC) |

### PROFESSIONAL EXPERIENCE

**State of Oregon (PERS), OR Nov’14 - Current**

**MS SQL Server DBA/SSIS/SSRS**

**Responsibilities**

* Responsible for **Database Backups** & Restoration, Backup Strategies and Scheduling Backups.
* Created and monitored Database **maintenance plans** for checking database integrity, data optimization, rebuilding indexes and updating statistics.
* Identified and resolved database performance issues, **database capacity issues**. Also Developed and implemented backup and recovery strategy.
* Worked on **SQL Server 2014 migration** from SQL Server 2008R2 also Installed and configured SQL Server 2014 on windows server 2012R2.
* Created the logical and physical **data modelling** using **Erwin** tool also Involved in designing and building relational databases.
* Responsible for maintaining and updating **data model** and **data Dictionary** for each release.
* Administered the MS SQL Server by creating **user logins** with appropriate roles, dropping and locking the logins, monitoring the user accounts, creation of groups, granting the privileges to users and groups.
* Monitored **Log shipping/ Transactional Replication** and troubleshooting errors. Running Index **tuning wizard** and **rebuilding indexes** for faster query response.
* Creating and managing schema objects such as **Tables, Views, Indexes, Stored Procedures** and referential integrity depending on user requirements and converting them into technical specifications.
* Involved in **T-SQL** code review and modification for the development of new requirements. Performed **queries tune-up**, integrity verification, analysis and interpretation.
* Designed **SSIS Packages** to transfer data from Excel source files, to **SQL Server 2014**.
* Responsible for troubleshooting and **deploying SSIS packages**.
* Collaborated with Developers, architect to **design database** and to create new database objects (**Tables, Views, Indexes, Stored Procedures**).
* Installed, configured and supported SSRS and manage subscriptions and deploying reports. Also developed an automated process for the **SSRS reports deployment and subscription**.
* Supported day-to-day operational duties for the database platform such as service requests and tickets, backups, monitoring, performance tuning, **system troubleshooting**. Debugging and troubleshooting database upgrade issues in **SharePoint 2010**.
* Developed **PowerShell** Scripts to automate repetitive tasks across all servers. Application support for front end feeds and Resolved Application connectivity issues like connection timeouts, connection pooling issues and memory leaks.
* Responsible for nightly schedules setup for refresh and deployments to **DEV&BFT** environments.
* Involved in DevOps culture, responsible for **Build and deployments**, through CI/CD (Jenkins, GECS). Worked with release engineers to understand impacts of branches and **code merges**.
* Provided technical assistance by responding to inquiries regarding errors, problems, or technical questions; train end users and technical support staff as required.
* Documenting new and existing processes as well as updating existing documentation when changes are necessary.

**Environment:** MS SQL Server 2008R2/2012/2014, SSRS, SSIS, SQL Query Analyzer, SQL profiler, Erwin Data Modeler, Windows Server 2012/2008, Share Point Portal Server, PowerShell Scripting, Visual Studio 2010, MS Access, MS Excel 2010,IBM rational Clear Quest, Solar winds, Jenkins, GECS.

**HPG, Brentwood, TN Aug’13 – Nov14**

**MS SQL Server DBA/SSIS/SSRS**

**Responsibilities**

* Responsible for **MS SQL Server 2008 R2/2012** configuration and provide 24\*7 support to all Production Servers
* Developed **backup and recovery** strategies for SQL Server databases. Experience involved in using tools like **SQL profiler** for Monitoring and Tuning MS SQL Server.
* Installed SQL Server 2012 on a test environment to be the future production environment.
* Created ETL SSIS packages both design and code to process data to target databases.
* Worked with **storage and network** administrators to plan and estimate drive space and **storage needs** throughout the environment
* Responsible for monitoring and making recommendations for performance improvement in hosted databases.
* Identify and resolve problems encountered during both development and release of the **SSIS code.**
* Created Complex **ETL Packages** using **SSIS** to extract data from staging tables to partitioned tables with **incremental load.**
* Created packages in **SSIS with error handling** and worked with different methods of **logging** in **SSIS**
* Developed, Maintained, and Monitored all import/export and Data Transformation into the Staging and Production environments.
* Created ETL packages with different data sources (SQL Server, **Flat Files**, Excel source files, XML files etc.) and then loaded the data into destination tables by performing complex transformations using **SSIS/DTS** packages.
* Used ETL to implement Slowly Changing Dimension to maintain historical data in Data Warehouse.
* Responsible for Deploying, Scheduling Jobs, Alerting and Maintaining **SSIS** packages and Updating and maintaining Visual Source Safe. Experience in providing Logging, Error handling by using Event Handler, and Custom Logging for SSIS Packages.
* Created complex **Stored Procedures, Triggers, Functions (UDF), Indexes, Tables, Views and other T-SQL code and SQL joins** for applications following SQL code standards.
* Responsible for data analysis, loading data from Data feed to **Data Warehouse** tables.
* Responsible for the design of the SSIS package for updating the **data mart** from **OLTP database** and validation of the aggregate data from the **ODS** and the **OLTP Database**
* Performed efficient **tuning** of SQL source queries for data load/ Usage of stored procedures for performance.
* Created **Stored Procedures** to transform the Data and worked extensively in **T-SQL** for various needs of the transformations while loading the data.
* Created **views** to display required information on user interface, and **triggers** to validate consistent data entry into the database.
* Experience in report writing using SQL Server Reporting Services (**SSRS**) and creating various types of reports like **Tabular, Matrix, Drill Down, Drill Through** and web reporting by customizing URL Access.
* Designed different kinds of reports from scratch depending upon the requirements of the markets, vendors, providers and scanners. Debugging and **troubleshooting** the technical issues while implementing the applications.
* Documented all the work and all the process of integration and reporting services for further references
* Worked extensively on system analysis, design, development, testing and implementation of projects (Complete **SDLC**).

**Environment:** MS SQL Server 2012/2008R2, SSRS, SSIS, SQL Query Analyzer, SQL profiler, Oracle 10g, IIS 6.0,Enterprise Manager, Windows Server 2008R2, DTS, Share Point Portal Server 2010, HTML, XML, C#, .Net, ASP.NET, Visual Studio 2005/2010, MS Access, Crystal Reports, MS Excel 2007.

**Wells Fargo, Charlotte, NC Apr’12 - Aug’13**

**MS SQL Server SSAS/SSRS Developer**

**Responsibilities**

* Actively participated in gathering of User Requirement and System Specification
* Developed database objects like tables, **views**, **stored procedures** in SQL Server 2008
* Created **Partition Tables** based upon **Partition Functions** and **Partition Schemas**
* Involved in Performance Tuning of the Stored Procedures, User Defined Functions and long running queries.
* Administered SQL Server with Client/Server tools including **SQL Server Enterprise Manager, Profiler and Query Analyzer**
* Created **AD-Hoc reports** using Report Builder and maintained Report Manager for SSRS.
* Involved in development and modification of existing **Financial Reports** and **Marketing Reports**, which include **Corporate Consolidation Reports, Financial Reports and Planning Reports** for management.
* Created number of standard reports and complex reports to analyze data using **Slice & Dice and Drill Down**, **Drill through** using SSRS
* Created reports using SQL Server reporting services SSRS**, which** is then exported as PDF. Reports variables are passed from **ASP.NET** web pages.
* Created stored procedures to build the Fact tables in the data mart for Multi-Dimensional analysis using **(SSAS)** andproduced ad-hoc, standard and super user reports using **SSRS**
* Designed Cubes with Star Schema using **SQL Server Analysis Services 2008** **(SSAS).**
* Created MDX queries with Calculations, KPIs, Actions and Partitions, Aggregations in SSAS.
* Created reports using SQL Server reporting services (SSRS), which is then exported as PDF. Reports variables are passed from ASP.NET web pages.
* Involved in creating **Dataset** in the MS reporting services (**SSRS**) for calling the stored procedures and passed the parameters to the dataset.
* Created reports based on the format specified in the **design document** designed and created Report templates, **bar graphs and pie charts** based on the financial data.
* Created and scheduled Various **SQL Jobs, using SQL Server Agent** to perform various Administrative tasks
* Involved in Unit Testing, Integration and deployment in Production and Staging Servers.
* Used .Net Framework for creating Reports and also for customization of reports.
* Involved in gathering Report Development Specifications (RDS) and SOWs for creating reports and Documentation of all the processes involved in maintaining the database for future reference

**ENVINORMENT:** MS SQL Server 2005/2008,Visual Studio 2005, Oracle10g, C#, .Net, PL/SQL, Windows XP/2008, T-SQL, ASP.NET, Visual SourceSafe, XML, ER Studio, Crystal Reports, SSAS, SSRS, ERWIN, Brio.

**Cigna Health Spring, Nashville, TN Nov’10 – Mar’12**

**MS SQL Server SSIS/SSRS Developer**

**Responsibilities**

* Used **SSIS** to create ETL packagesto validate, extract, transform and load data to data warehouse databases, data mart databases.
* Worked on QNXT claims and Conversion of Interface Programs from Legacy to QNXT.
* Developed **SSIS** Templates that can be used to develop **SSIS Packages** such a way that they can be dynamically deployed into Dev., Test and Production Environments.
* Worked on development, implementation, administration and support of **ETL** processes for large-scaleData Warehouses using **SSIS** and **DTS.**
* Created **SSIS** process design architecting the flow of data from various sources to target and Involved in extracting the data using **SSIS** from **OLTP** to **OLAP.**
* Responsible for Deploying, Scheduling Jobs, Alerting and Maintaining **SSIS** packages. Created **incremental** **data** **load** task using SQL Server Integration services
* Using **Dtsx** Change tool converted DTS packages to SQL Server 2005 **SSIS** packages.
* 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.
* Created **SSIS** packages to retrieve data from Legacy sources and also to retrieve user data from the Flat files on monthly and weekly basis.
* Involved in conversion interfaces on QNXT Member, Provider, Claims Processing, Utilization Management, Accumulators, Contracts and Benefits.
* Used techniques like **backups, restore, replication, and standby** databases to ensure higher availability Production Environment.
* Performed database transfers and queries tune-up, integrity verification, **data cleansing**, analysis and interpretation. Developed, monitored and deployed **SSIS packages**
* Responsible for maintaining cubes using **SSAS** and populate the cubes with the data
* Created Tabular Matrix reports, Charts and graphs as per customer requirements Using **SSRS**.
* Good understanding of **SSRS** with Report authoring, Report management, Report delivery and Report security and Created reports with Analysis Services Cube as the data source using **SSRS** 2005/2008**.**
* Involved in designing the physical database models on SQL Server 2005 **RDBMS** using DML/DDL implementing constraints and triggers for data integrity.
* Filtered inaccurate data from legacy system using complex T-SQL statements, and implemented various **constraints** and **triggers** for data consistency, Used **SQL profiler** to view **indexes** performance to mostly eliminate table scan.
* Used Notification services to generate error messages and send them to the user through e-mails, pager messages, and PDA as well as window messengers.
* Identified, tested, and resolved database **performance** issues (monitoring and tuning) to ensure database optimization
* Involved in **project** **status** report updates/ creation of issue items for reviews/ updates of technical and transformation files on timely basis.
* Worked on **Transactional Replication** andreplicatedthousands of tables from various Databases to different production Server.
* Worked with development teams in the design of **physical databases** and in modification.

**Environment:** MS SQL Server 2008/2005, SSRS, SSAS, SSIS, SQL Query Analyzer, SQL profiler, IIS 6.0, Oracle10g, 11g, Enterprise Manager, ERWIN Data Modeler, Windows Server 2003/2008, DTS, Share Point Portal Server, HTML, XML, C#, .Net, ASP.NET, PowerShell Scripting, Visual Studio 2005, MS Access, Crystal Reports, MS Excel 2007.

**Verizon, Hyderabad Sep’07- Apr’10**

**MS SQL Server SSIS/SSRS Developer**

**Responsibilities**

* Implemented Complex business logic with **User-Defined-Functions, Index** **Views** and also created User defined Data type, **Clustered & Non-clustered Indexes**
* **Installed and configure** servers and clients using **SQL Server 2008**,Upgraded SQL databases
* Created database maintenance planner for the **performance of SQL Server**, which covers Database integrity checks, update Database statistics and re-indexing
* Created complex **Stored Procedures, Triggers, Functions (UDF), Indexes, Tables, Views and other T-SQL code and SQL joins** for applications following SQL code standards
* Managed indexes, statistics and tuned queries by using execution plan for optimizing the performance of the databases and Managed database portioning across multiple disks
* **Query optimizations** (T SQL or Query Analyzer) using query analyzer and Index tuning wizards
* Used Data Modification Language (DML) to insert and update data, satisfying the **referential integrity** **constraints** and **ACID properties**
* 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
* Created packages in **SSIS with error handling** and worked with different methods of **logging** in **SSIS**
* Created ETL **SSIS packages** both design and code to process data to target databases
* Created **SSIS** packages to retrieve data from Legacy sources and also to retrieve user data from the Flat files on monthly and weekly basis
* Performed database transfers and queries tune-up, integrity verification, **data cleansing**, analysis and interpretation. Developed, monitored and deployed **SSIS packages**
* Managed SQLuser logins, database user accounts, server roles, database roles **and its permissions.**
* Maintained the physical database by monitoring and **optimizing performance**, **data integrity** and SQL queries for maximum efficiency using **SQL Profiler**
* Monitor **SQL Error Logs** /Schedule Tasks/database activity/eliminate **Blocking** & **deadlocks** user counts and connections/locks etc.
* Created **Snapshots, Subscriptions** and **Transactions** using Replication services. Implement automated Index Maintenance strategy run as **SQL Job** on a daily basis
* Worked on **Transactional Replication** and replicated thousands of tables from various Databases to different production Server
* Resolving any **dead locks** issues with the Databases/Servers on a real-time basis.
* Designed and developed **SSIS Packages** to extract data from various data sources such as Access database, **Excel spreadsheet** and **flat files** into SQL server 2005 for further Data Analysis and Reporting by using multiple transformations provided by **SSIS** such as Data Conversion, Conditional Split, Bulk Insert, merge and union all
* Created **SSIS Reusable Packages** to extract data from Multi formatted Flat files, Excel, XML files into UL Database and DB2 Billing Systems
* Migrated SQL server 2000 DTS packages to SQL Server 2008 SSIS packages using SQL Server 2008 Upgrade Advisor

**Environment**: SQL Server 2005/2008, T-SQL Windows Enterprise Server 2003/2008, Enterprise Manager, SQL Server Management Studio, SQL Server Business Intelligence Studio, SQL Server Profiler, XML, BizTalk Server 2004 Erwin, Microsoft Visio 2003, SFTP