**SHIVA SRIKANT**

**SQL DBA**

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**PROFESSIONAL SUMMARY:**

* 9 years of experience with the 32bit, 64-bit Microsoft SQL SERVER in **Production, Development and Testing** in **Clustered and Stand - alone Server EnvironmentWith Telecom, Banking** and **Health Care sectors.**
* Experience in MS SQL Server installation, configuration, performance tuning, client/server connectivity, query optimization, running Database Consistency Checks using DBCC commands.
* Expertise in Database Administration, primarily as a DBA with **MS SQL Server 2014/2012/2008 R2/2008/2005** in production, QA and development environment including, designdevelopment and testing of DW applications.
* Experience in implementing **High availability solutions** like **Replication (Snapshot and Transactional), Log Shipping, Clustering and Mirroring on physical and virtual machines.**
* Extensively worked on **Active-Active** and **Active-Passive Clustering.**
* Experience in extracting and transforming data using **SSIS,SSRS,DTS Import/ExportData**, **Bulk Insert**, **BCP** and **DTS Packages**.
* Implemented **Side-by-Side Migration** and **in-place Upgrade** of **MS SQL Server 2000/2005/2008 to 2008 R2/2012.**
* **Replication** like **Snapshot** and **Transactional**, **Log Shipping** and **Configure Database Mirroring** in Cluster Environment.
* Server specifications for **performance, scalability, high availability (Always-On)**.
* Implemented the new **SQL Server concepts like Data partitioning,Snap shot isolation, database mirroring, database snapshot, DDL triggers, try-cache blocks, online** indexing, **DMV’s, DMF’s, Mail Setup, Jobs, and Alerts, DTA,SQLCMD and dedicated admin connection**.
* Proficiency in **Performance Tuning**, **Query Optimization**, Client/Server connectivity, and **Database Consistency Checks** using **DBCC Utilities.**
* Implemented the new SQL Server 2012 mechanisms like **DataCompression, Online Indexing, Contained Databases, security principles and AAG**.
* Proficiency and expertise in SQL Server **Replication, Backup/Recovery, Disaster Recovery and planning.**
* Writing scripts using **Powershell.** Implementing on different servers.
* Worked on **SQL Server 2012 migration from SQL Server 2008/2005.**
* Created Linked Servers between SQL **Server 2008 R2 & Oracle 9i and 10 g**. Also created DTS package for data transfers between the two environments.
* Experience in supporting **Very Large Database (VLDB)** and troubleshooting the problems.
* Expertise in writing good standard **T-SQL queries**, **stored procedures, Indexed views, User Defined Functions (UDL), Triggers Distributed Queries and Common Table Expressions.**
* Experience in installing **Oracle 9i.10g, 11g, 12c** databases on both UNIX and Windows platform. Worked with **Cold, Hot, RMAN** backups.
* Monitored SQL Server databases and oracle database using **Oracle Enterprise Manager**(**OEM**).
* Strong in planning and implementing **Database Security**by creating **users**, **Roles**, and assigning **permissions** to them.
* Expert in analyzing the **execution plan** and **index management.**
* Excellent Problem Solving Skills, Communication, presentation and interpersonal skills. Strong troubleshooting and organizational skills.
* Specializes in depreciation of rented or leased equipment and financial spreadsheet structure
* 3 years with Amazon Web Services (AWS) with deep expertise in Amazon’s cloud computing offerings.

**TECHNICAL SKILLS:**

**Languages:** T-SQL, My SQL, VB.NET, HTML, XML, C/C++, CSS, C# ASP. NET, DHTML, Java Script.

**Operating Systems:** Windows 95/2000/2003/2008/XP/VISTA/7, Sun Solaris 9, LINUX, UNIX, Red Hat, VM ware ESX servers.

**Data Bases:** MS SQL Server 2014/2012/2008R2/2008/2005/2000, Oracle9i/ 10g/11g, MYSQL, MS Access.

**ETL & Reporting Tools:** DTS, SSIS, SSRS, SSAS, Crystal Reports.

**DB Utilities:** SQL Server Management Utility, Query Analyzer.

**Application Software:** Visual Studio 2005/2008, Visual Source Safe, TFS, MS Office Suite.

**Data Base Tools:** SQL Server Enterprise Manager, SQL Query Analyzer, SQL Profiler, Index Tuning Wizard, BCP, DTS, Import/Export Wizard, SQL Server Management Studio, SSIS, SSRS, SSAS, Visual Studio, BIMS.

**Data Modeling Tools:** Erwin, Red gate, Lite speed, Idera.

**PROFESSIONAL EXPERIENCE:**

**Tx DCS, Austin, TX. SEPTEMBER’16-Present**

**ROLE: SQL DBA**

**Responsibilities:**

* Installed and configured **SQL Server 2012,2014 and 2016** in **production and development environment.**
* Upgraded **SQL Server 2008 to SQL server 2014** in 32 and 64 bit environment.
* Active involvement in installing and managing multiple 2node failover cluster set up in active/passive environment as a High Availability mechanism.
* Successfully implemented database mirroring with high availability mode in **SQL Server 2012.**
* Configured **transactional Replication** from multiple subscribers for reporting purpose.
* Involved in **performance tuning**, optimization of **stored procedures and queries**.
* Worked with customers to resolve the connectivity issues
* Migrated **Legacy Backups** to **Avamar Server** for allSQL related back ups.
* Estimated **disk storage requirements** for **database software, database files.**
* Monitoring and troubleshooting performance during peak periods with 1000 to 2000 concurrent connections.
* Configure and manage database maintenance plans for update statistics, database integrity check, backup operations and Indexing updates.
* Use custom scripts so as to help automate routine tasks such as **Maintain operators, Alerts, Notifications, Jobs, Job Steps and Schedules.**
* Designed and Developed the Backup and Archiving, Disaster Recovery in AWS Cloud.
* Migrations of datacenter from Saavis (production) to AWS.
* Created automated procedure for **daily, weekly and monthly** system maintenance tasks such as **database backup, replication verification, and database integrity verification and indexing updates.**
* Good Knowledge on SQL Lite Speed a Backup solution for MS SQL Server.
* Good Knowledge of using **VMware Servers.**
* Experience in providing **excellent 24X7 Production support**.
* Experience in contacting **Microsoft for product and technical support.**

**Environment:** SQL Server 2012,2014,2016. Avamar Back up tools, AWS, Windows, Linux and Solaris.

**Caterpiller, Peoria, IL. JULY’14- SEPTEMBER’16**

**ROLE: SQLServer DBA**

**Responsibilities:**

* Worked extensively on installation and configuration of **MS SQL Server** 2008R2 / 2012 /2014/2016 on **standalone**, **clustered Environments and VM environments.**
* Involved in migration of **MS SQL Server 2008 R2 to MS SQL Server 2012**.
* **Established Always on different servers for single application for migrating data.**
* Involved in Query Optimization and Performance Tuning using **SQL Profiler** and Index Tuning Wizard.
* Setting up Connection Strings and connecting **SQL Server AZURE** Databases from locally Installed **SQL Server Management Studio(SSMS**) for Developers.
* Subscribed to **Azure Environment** and tested by creating database.
* Installed and configured new version of **MS SQL Server 2016.**
* Performed MySQL Replication setup and administration on **Master-Slave and Master-Master**.
* Ability to carry out security tasks at network level such as block/unblock TCP/IP ports through firewall on both Linux and windows and block/unblock remote access to MySQL server.
* Supported the Servers which I have Worked in shared environment like a application running on **Oracle , DB2 and MySQL 5.7.**
* Involved in building Always on SQL Server instance utilizing almost all of the AWS stack (Including EC2, S3, RDS, IAM, Snowball, Glacier) focusing on high-availability.
* Database migration into AWS Cloud and maintain, update, backups, restore the databases.
* ETL experience with **SSAS** and **SSIS.**
* Writing scripts using **Powershell.** Implementing on SQL Environment.
* Configured **DB mail**for sending automatic mails to respective people when **SSIS** process fails.
* Migrated **DTS** packages to **SSIS 2005** packages.
* Administered the MS SQL Server by creating **User Logins** with appropriate **Roles**, dropping and locking the logins, monitoring the **User Accounts**, granting and privileges to users.
* Scheduled the Backups for Databases and performed Restoration operations.
* Created **SSIS packages** to **validate, extract, transform** and **load data** from **Oracle** into **SQL Server database.**
* Implemented and Maintaining **Replication**.Generate every day morning **Replication reports** from branch SQL Servers and Resolve Issues.
* Assisted in Deploying **2 NODE failover clustering**.
* Fixed and rebuilt many **SSIS** packages during **the migration**.
* **Data migration** using bulk copy program and DTS from Oracle Databases and Flat files.
* **Data migration** using **DTS services** across different databases **like Oracle, MS access & flat files**.
* Experience in creating SSIS packages. Experience in **DTS Migration** and Metadata Management: **Migrating DTS Packages** to **SSIS, Package Migration Wizard**, and **Storage Management.**
* Optimized queries using **SQL Profiler** and Database engine tuning advisor.
* Involved in Query Optimization and Performance Tuning using **SQL Profiler and Index Tuning Wizard.**
* Implemented **Transactional Replication** between Primary and Secondary Servers.
* Created Databases, **Tables**, **Indexes** and **Views**.
* Created **Linked Server** between SQL Servers.
* Implemented SQL Server **Clustering on** VM Ware.
* Configured **Mirroring** and **Transactional Log Shipping** between Primary and Secondary Servers depending on the business requirements.
* Worked with **SQL Server Profiler** to Generate **Traces**.
* Good experience in using **EMC VNX/VMAX** deployment and Implementation.
* Managing the Storage SAN Infrastructure including **EMC VMAX, DMX** and **CX4 Series, VNX** and **CISCO SAN Switches.**
* Developed documentation that sufficiently describes technical deliverable as required for internal controls so that the maintenance responsibility can be passed on to production support team.
* Continuous monitoring server health with **Idera.**

**Environment:** MS SQL Server 2008R2/2012/2014, Windows 2000/2003/2005/2008/2012, SSRS, SSIS, AZURE, MS Access, MS Excel VMware, MS Access, SQL Server Reporting Services and Integration Services, AWS, SQL Profiler.

**TE CONNECTIVITY, PA JULY’13- JUNE’14**

**ROLE: SQL Server DBA/ Developer**

**Responsibilities:**

* Installation & configuration 2005 / 2008R2/2012 enterprise Edition.
* Migrated **SQL server 2008 database to SQL Server 2012 database** i n Microsoft Windows Server 2012 Enterprise Edition.
* Assisted in**Administration, Database Design, Performance Analysis, and Production Support for Large** (**VLDB**) and **Complex Databases** up to **2 Terabytes.**
* Transformation of data (**Millions of records**) to **SQL server** by **SSIS, DTS, BCP.**
* Created stored procedures for maintaining **SQL Server**, **Written Stored Procedures** for **Application Developers**.
* Implemented **Powershell** scripting in SQL Environment.
* Involved in ETL architecture enhancements to increase the performance using **query optimizer**.
* Performed Query optimization & Performance Tuning.
* ETL experience with **SSAS** and **SSIS.**
* Database migration into AWS Cloud and maintain, update, backups, restore the databases.
* Used**log shipping** for synchronization of database.
* Hands on experience and outstanding knowledge of **high availability SQL Server solutions, including replication and SQL Server clustering.**
* Suggest **replication** techniques to meet business needs.Maintain **transactional replication** on production SQL Servers.
* Involved in creation of Data Access Layer, Business Access Layer and Presentation Access Layer using **C# and ASP.NET.**
* Extensively Used **C#** for creating classes and worked on integrating Crystal Reports with **ASP.NET**.
* Maintaining the database **consistency** with **DBCC** at regular intervals. Involved **in trouble shooting and fine-tuning of databases** for its **performance and concurrency.**
* Complete documentation about the database. To analyze **long running slow queries** and tune the same to **optimize application and system performance**.
* Performed daily backup and created named backup devices to back up the servers regularly.
* Created and managedschema objects such as **tables, views, clusters, indexes, procedures, and triggers** and maintained Referential Integrity.
* Converted and imported data from an **Oracle Database** to a **SQL Server Database.**
* Worked in tune with **strategic planning** for improving **the mapping** and **data migration**.
* Continuosly monitering sql server health with **Idera**.

**Environment:**Microsoft Windows 2008 Server, Microsoft SQL Server 2008 R2, AWS, Microsoft SQL Server 2005, Windows 2003 Server, MS Visual Source Safe, IIS 6.0, XML, C# and ASP.NET.

**Capital Physicians Health Plan, NY. MARCH’12-JUNE’13**

**ROLE: SQL Server DBA**

**Responsibilities:**

* Installation & configuration **2005 /2008R2 enterprise Edition**.
* Designed the **reporting databases by using Erwin.**
* Transformation of data (Millions of records) to SQL server by **SSIS, DTS, BCP.**
* Rebuilding **the indexes** at regular intervals for **better performance**.
* Created **stored procedures** for maintaining **SQL Server**, **Written Stored Procedures** for **Application Developers**.
* Responsible for database tuning using **normalization** and application tuning.
* Good knowledge in N**ormalizing and De-normalizing** the tables and maintaining Referential Integrity by using Triggers and Primary and Foreign Keys.
* Performed data conversions from flat files into a normalized database structure.
* Involved in performing data conversions from flat files into a normalized database structure.Involved in **Normalization and De-Normalization** of existing tables for faster query retrieval.
* Managing the **clusteringenvironment**.
* Using **log shipping** for synchronization of database.
* Hands on experience and outstanding knowledge of **high availability SQL Server solutions, including replication and SQL Server clustering.**
* Maintain **transactional replication** on production SQL Servers.Set up **transactional, snapshot replication** and maintain the active replication(s).
* Maintaining the database **consistency** with **DBCC** at regular intervals. Involved **in trouble shooting and fine-tuning of databases** for its **performance and concurrency.**
* **Complete documentation** about the database. To analyze **long running slow queries** and tune the same to **optimize application and system performance**.
* GeneratedScript files of the databases whenever changes are made to **stored procedures or views.**
* Created and managedschema objects such as **tables, views, clusters, indexes, procedures, and triggers** and maintained Referential Integrity.
* **Performance tuning and optimization of Query** of SQL server. Creating and maintaining **user’s logins and Roles.**
* Tuned the database to perform efficiently by managing databases using the options to **grow or shrink database files and monitored the size of the transaction log**. Managed databases on multiple **disks using Disk Mirroring and RAID technology**.
* **Converted and imported data from an Oracle Database to a SQL Server Database.**
* Worked in tuning database system with**strategic planning for improving the mapping and data migration**.

**Environment:** SQL Server 2000/2005/2008 Enterprise, Windows Enterprise Server 2003,IIS 6.0, T-SQL, Microsoft Reporting Service, VMware, MS Access, SQL Server Reporting Services and SQL Server Integration Services.

**TCF Bank, Minneapolis MN  JUNE’11-FEBRUARY’12**

**ROLE:SQL Server DBA**

**Responsibilities:**

* Worked on Client/Server tools like **SQL Server Management studio (2005), SQL Server Enterprise Manager (2000) and Query Analyzer to Administer SQL Server.**
* Migrated **SQL server 2000 databases into SQL server 2005** databases by In-place upgrade process and also used upgrade advisor tool in up-gradation.
* Setting up and Monitored **transactional replication, Database mirroring on Production, QA and Development servers.**
* **Migrated DTS packages into SSIS packages.**
* Handled up **to 2 TB Size databases** with **clustered and stand alone environment.**
* Configured **Transactional replication** on migrated server.
* Wrote the packages using **SSIS in SQL2005.**
* Extensively worked on **Dynamic Management Views (DMV’s) and Dynamic Management Functions (DMF’s).**
* Developed, deployed and monitored **SSIS Packages** including upgrading **DTS to SSIS.**
* Integrated SQL traces with **Perform log** to have better graphical analysis to find system bottlenecks.
* Implementation of **SQL Principle, Securable, Permission**, **Roles and Authentication** Modes as a part of Security Policies for various categories of users.
* Maintaining **SQL Script** for creation of Database Objects using **VSS (Visual Source Safe).**
* Created Database Maintenance Planner for the Performance of SQL Server which covers Database Integrity Checks.
* Planned the Complete Backing up of Database and Restoring the Database from Disaster Recovery.
* Used **DTS packages** to move **logins and jobs** from one server to another server.
* Used **log shipping** for **synchronization of database.**
* Good work experience in data **modeling and metadata services.**
* Monitoring SQL server performance using profiler to find performance and deadlocks.
* Created **Stored Procedures, Triggers, Views and Functions for the Application.**
* Extensive **testing on the Performance of the Stored Procedures.**

**Environment:** TSQL,MS SQL SERVER 2000/2005/2008,SSRS, QUERY ANALYSER, VISUAL STUDIO 2005, VB.NET, C#, WINOWS SERVER 2008, IIS, SSAS.

**Genpact, Hyderabad, India JUNE’09-APRIL’11**

**ROLE: SQL ServerDBA / Developer**

**Responsibilities:**

* Involved in full life cycle design and development of Data warehouse.
* Experienced in **T-SQL development, documenting, coding, modifying** and **implementing business technology solutions** using MS SQL Server.
* Good knowledge in **normalization** and **relational database management systems**.
* Developed **Complex Queries, Joins and Sub queries** in **SQL Server 2005**.
* Actively participated in gathering of User Requirement and System Specification.
* Dropped and recreated the **indexes** on **tables** for performance improvements.
* Used **Stored procedures, Inline** and **Multi statement Functions** extensively.
* Created and managed **schema objects such as tables, views, stored procedures, and triggers** and maintained referential Integrity.
* Imported Data from text files and Excel into SQL Server 2005 database using **SSIS/DTS package**.
* Bulk insert from one table to another across database using **SSIS Packages**.
* Performed data type conversion while importing data from another sources (DB2, Microsoft Access).
* Created **Data Models and Data Mining** in SQL Server.
* **Export or Import data** from other data sources like **flat files** using **Import/Export of DTS**.
* Generated **Report Models using Model Designer**, to enable the business users to build **ad-hoc reports** using **Report Builder**.
* Developed **ETL** application using **SSIS packages** to get data from different sources and load into SQL server database and also to send the file into different format from SQL Server Database.
* Developed Drill-through and Drill-down reports using **MS SQL Server Reporting Services (SSRS).**

**Environment:**Erwin, XML, T-SQL, SQL Server2000/2005, VisualStudio.NET IDE, Microsoft Access 2003, Business Intelligence Tools (SSRS, SSIS, SSAS), MATLAB.

**ING Vysya Bank ltd, Hyderabad, India JUNE’08-MAY’09**

**ROLE: SQL Server Developer**

**Responsibilities:**

* Created **Database tables with constraints** and relationships between multiple tables.
* Created **Views, User Defined Functions and Triggers**.
* Extensively used the **VB coding** and **HTML** usage.
* Extensively used **Joins and sub-Queries** to simplify **complex queries** involving multiple tables.
* 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**.
* Responsible for creating **Stored Procedures** and Scheduled to run them by creating **SQL Agent Jobs**.
* Performed various data transfers between various servers using **BCP and DTS**.
* Supported team in resolving in **DTS** and **T-SQL** related issues.
* Involved in performance tuning and **query optimization**.
* Performed Database and Performance testing for the database objects.
* Created **backup/restore** and **disaster recovery** plans for **production servers**.
* **Backing and Restoring** of Databases on Scheduled basis.
* Involved in documenting the entire technical process.
* Supported technical teams involved with **MS SQL issues and operations**.
* Involved in the maintenance of the database.

**Environmen:** T-SQL, SQL Server2000/2005, VisualStudio.NET IDE, Microsoft Access 2003.

**Education:** Bachelors of Technology, Jawaharlal Nehru Technological University, India.