**GOUTHAM**

**Sr. SQL DBA**

**PROFESSIONAL SUMMARY**

* Around **10 Years**of Database Administration experience on Data Design, Development and Administration on MSSQL Server 2014, 2012, 2008 R2, 2008, 2005and 2000 versions.
* Expert in **performing installation, configuration** (32bit/64bit), optimization, server builds, patches, **service packs, upgrading** and troubleshooting of SQL Servers in Clustered and Non-Clustered Environments.
* Experience in **Migrating from SQL server** 2000 to 2005 and 2005 to 2008 and 2008 to 2012 by using **In-Place upgrade process** as well as **side-by-side upgrade** process and documented complete Upgrade Process.
* Implemented and supported different **High Availability & Disaster Recovery** scenarios like **Always-On Availability Groups(AAG**), Clustering (Active/Passive), Replication models (Transactional, Snapshot), Log Shipping (Native and Custom) and Data base Mirroring.
* Strong technical background along with the ability to perform business analysis and write effective **documentation** and specifications.
* Created effective **Backup and Recovery plans** by Transactional Log and Full Database Backups and utilized to recover data in 'Point in time' in case of disaster of server based on **ERT**(Estimated Recovery Time), **RTO**(Recovery Time Objective), and **RPO**(Recovery Point Objective) Policies.
* Good experience on **physical storage configuration and optimization** of SAN/NAS with different RAID levels.
* Strong **DBA/Development skills** writing T-SQL scripts, Worked extensively on ETL process using DTS,**SSIS packages**, handling data quality issues and generating various types of reports using **SSRS on OLAP databases**.
* Strong in **PowerShell scripting** and automate day to day maintenance tasks using PowerShell scripts, converting existing T-SQL batch scripts to PowerShell scripts and improving **SQL Server maintenance jobs** performance.
* Extensive **experience in Batch processes**, Import, Export, Backup, SQL Loader, Shell scripting, Database Monitoring tools and application support.
* Experience in **Performance Tuning, Query Optimization, Client/Server Connectivity,** and Database Consistency Checks using DBCC Utilities, Re-Indexing, Updating Statistics, performing Maintenance Tasks.
* Expertise in implementation of **security models**, Database authentication modes, creation of logins, granting permissions and assigning roles to users on databases.
* Extensively worked on **Locks, Deadlocks, Handling Isolation Level** and Concurrency Effects, Detect CPU, I/O, Memory Bottlenecks.
* Expertise in **T-SQL** writing **stored procedures**, **triggers** and functions.
* Expert in **Monitoring, Optimization, Performance tuning** of SQL Server databases using DMVs, Activity Monitor, SQL Profiler, DB Tuning wizard and third party tools.
* Expertise in Monitoring **Event Viewer, SQL Error logs and Log File Viewer** for Software and hardware related errors.
* Experience in supporting **Very Large databases (VLDB)** and troubleshooting the problems.
* 24 X 7 Production Database on Call Support

**CERTIFICATION**

* **Microsoft Certified Professional**

**TECHNICAL SKILLS**

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| --- | --- |
| **Databases** | SQL Server 2014/2012/2008R2/2008/2005/2000, MS Access |
| **SQL Server** | SQL Server Enterprise manager, SQL Query Analyzer, SQL Server Management Studio, SQL Server 2014/2012/2008R2/2008/2005/2000, SQL Server Configuration Manager, Integration Services (SSIS), Reporting Service (SSRS), and Analysis services (SSAS), SQL Server Business Intelligence Development Studio (BIDS), SQL Server Data Tools (SSDT), Import and Export Data, SQL Server Profiler, SQL CMD, Database Engine Tuning Advisor, Performance Monitor, SQL Server Activity Monitor. |
| **Operating systems** | Windows 2000/2003/2003R2/2008/2008R2/2012/2012R2 |
| **Languages** | C, C++, T-SQL, PL SQL, Java, PowerShell |
| **Tools** | SCOM, NetBackup, OVO, Red Gate, ERwin, Power Designer, MS Visio, Spotlight |
| **Data Access Technologies** | ADO, DAO, RDO, ODBC and OLEDB |
| **Internet** | ASP.NET, ADO.NET, HTML, DHTML |

**PROJECT EXPERIENCE**

**Wal-Mart, Bentonville, AR Oct’15 – Till Date**

**Sr. SQL DBA**

**Responsibilities:**

* Expertise in **Installation, Upgrades, Patching and Configuration** of MS SQL Server 2014,2012, 2008R2 & 2008 in different 32/64 bit production, test and development environments.
* As a part of SQL DB team, was primarily responsible for **planning DR**, ensuring databases are online and providing infrastructure and application DB support. Design, implement and **manage database maintenance and disaster recovery plans** including replication, full /differential /transactional log backups with recovery procedures.
* Regular **monitoring** of servers, which includes **backup jobs monitoring**, Disk space monitoring, **Services monitoring**, and blocking monitoring and **troubleshooting** using SSMS. Installed and configured Microsoft Windows Clustering and SQL Server Clustering on Windows Server.
* Involved in ensuring **data recovery**, maintenance, **Data integrity** and space requirements for **physical database**. Creating and Modifying Tables, Stored Procedures, Views, Indexes, User-defined Functions and Triggers as requirement on SQL Server Environments.
* Involved in **troubleshooting various database server issues** to free up log space, update statistics, configure number of locks, create databases and match their data, log patterns with contingency. Performed many **database upgrades** using import/export.
* Designed and implemented **SSIS packages to migrate data** from multiple data sources on Windows 2003/2008/2008R2/2012/2012R2, MS SQL Server 2005/2008/2008R2/2012.
* **Proactively monitored the database health** through **automated scripts** for checking the database and extents growth, probing the alert log files, monitoring the rollback segments and temporary space usage.
* **Automate maintenance plan jobs** in SQL Server agent and task scheduler: such as shrinking database, backup database, index rebuilding, creating filtered indexes, index reorganizing, cleaning up, and updating statistics.
* Improved **performance, reliability, security and scalability** by improving internal processes and make recommendations on new storage hardware.
* Controlled and monitored user access to the database, backed up and recovered the database, **maintained system security and monitored/optimized database** performance for Data warehouse and OLTP applications.
* Supports **day to day operational duties** for the database platform such as service requests and **tickets, backups, monitoring**, performance tuning, system troubleshooting, and other tasks as assigned or expected from DBAs

**Environment:** SQL Server 2014/2012/2008R2 Enterprise, Windows Enterprise Server 2012/2008R2, T-SQL,SSIS, SSAS, SSRS , Red Gate and Scom.

**DTMB, Lansing, MI Dec’13 – Oct’15**

**Sr. SQL DBA**

**Responsibilities**

* Responsible for **supporting over 150 SQL instances** which include SQL Server 2012/2008 R2. Migrated Databases from **SQL Server 2005 to SQL Server 2012/2008R2** in Production and Test Environments.
* Installed **SQL Server 2012 Cluster and configured Always On availability group** set up on Windows Server 2008R2 in Development and Production environments.
* **Configured, Monitored, Supported Troubleshooting** of Database Mirroring and Log Shipping for multiple databases on Geo-graphically separated cluster environments to **provide High Availability and Disaster Recovery**. Provided Support and troubleshooting for **Transactional replication**.
* Designed and **implemented backup plans** as per the data- retention policy outlined in the **BRD (Business Requirement Document)**. Implemented Windows and SQL Server based **security** for all SQL services and SQL servers. Also configured **database mail** to inform corresponding DBA basis on each Job Status.
* **Monitored Performance Monitor** and SQL Profiler to optimize queries and enhance the performance of database servers using DMV's. Extensively worked on Profiler, Perfmon Counters, **DMVs, DMFs and DTA** to tune the databases, servers and query tuning.
* Used **SSIS to populate data** from various data sources, creating packages for different **data loading operations** for application, and to import data from other sources to SQL databases. Worked on **managing/administering/troubleshooting SSIS/SSRS/SSAS**.
* Development **of automated daily, weekly and monthly system maintenance tasks** such as database backup, database integrity verification, indexing and statistics updates.
* Responsible for **handling the Non-Prod/Prod Tickets** and to provide regular day-to-day DBA support for all of our Application teams which includes both **Shared and dedicated SQL Servers,** comprising both Standalone and Failover Clusters. Worked with **Change Control Team**, for proper roll out of any change to Production in accordance with **SDLC**.
* Assessed and implemented the **planning and coordination of application migrations** with project managers and other teams.Working on **day to day Service requests/incidents from application teams**, supporting their deployment activities and being On-call DBA as needed.

**Environment:** SQL Server 2012/2008R2/2005 Enterprise, Windows Enterprise Server 2012/2008R2, T-SQL, SSIS, SSAS,SSRS,NetBackup and Spotlight.

**Monsanto, St. Louis, MO Mar’11 – Dec’13**

**Sr. SQL DBA**

**Responsibilities**

* Experienced in **Installing, configuring and maintaining multi** node (2-node, 4-node) clusters running **SQL Server 2008R2/2008 in Active/Active, Active/Passive and Active/Passive mode.** Worked on installation, configuration and deployment of SQL Server **Integration Services (SSIS), and SQL Server Reporting Services (SSRS).**
* Performed in **configuring DR sites using Database Mirroring** technology on SQL server 2008R2/2008/2005 with a witness server or without witness server to configure automatic failover. Expertise in **implementing Log Shipping** as backup solution for MS SQL Server 2005/2008/2008R2 databases. Highly experienced in implementing Replication Models such as **Transactional and Snapshot** in SQL Server.
* Experience in **logical & physical Data modeling**, data architecture design, Normalization and **De-Normalization techniques** for both OLTP and OLAP (Star Schema/Snowflake schema) using DM tools like ERWIN, Visio, SQL Diagrams.
* Managed the troubleshooting, planning and migration activities in line with the **company's requirements**.Performed **Database Integrity Checks**, updated **Database Statistics** and performed Re-indexing through Maintenance Plan.
* Highly Experienced in **SQL Server performance** tuning, query optimization, Database Maintenance plans, Database Consistency Checks **using DBCC and DMV’S**. Expertise in using tools like **SQL profiler**, windows performance monitor and performance counter for monitoring and tuning MS SQL server performance**, SCOM and OVPM**.
* Performed Multi File Imports**, Package configuration**, Debugging Tasks and Scripts in SSIS and Scheduled **package execution in SSIS** and Installing packages on multiple servers in SSIS. Experience in configuring and managing **Linked Server**, Data transfer between SQL Server and other RDBMS.
* Developed and deployed **SSIS packages for ETL from OLTP** and various sources to staging and staging to Data warehouse using Fore Each Loop Container, Execute Package task, ExecuteSQL Task, **Sent Mail task, Lookup, Fuzzy Lookup, Derived Columns**, Condition Split, CDC Control Task, CDC Splitter, CDC Source, Slowly Changing Dimension and more. Performed **ETL mappings** using MS SQL Server Integration Services 2008R2/2012.
* Developed **complex SQL Queries**, Joins, subqueries, correlated sub queries, Stored Procedures, functions, Joins, Constraints, **DDL, DML and UserDefinedFunctions** with best execution plan in SSMS to implement the business logic.
* Defined and Created **databases, tables, Cluster/Non-Custer Index, Views, Unique/Check Constraints and Triggers** using T-SQL in Development and Production environment.

**Environment:** SQL Server 2008R2/2008/2005 Enterprise, Windows Enterprise Server 2008R2/2003, T-SQL, Erwin, Microsoft Visio, SSIS, SSAS, SSRS and Scom.

**IGATE Global Solutions, Bangalore, KA Oct’09 – Mar’11**

**SQL DBA**

**Responsibilities**

* Daily routine **DBA** tasks like handling user's permissions, monitoring Blocking, Deadlocks, **Long running jobs, and space issues** on Production and Semi-Production Servers and handling maintenance Jobs.
* Involved in implementing and monitoring different types of **Disaster Recovery** and **High Availability** techniques such as Mirroring, Log shipping, Replication (Snapshot, Transactional & Merge).
* Solving Tickets on Daily Basis for **Production Issues**.
* Managing alerts, managing security**, Re-indexing/Reorganizing Indexes**, performing DBCC checks
* Implementation of **SQL Principle, Securable, Permission, Roles and Authentication Modes** as a part of Security Policies for various categories of users.
* Extensively used **DBCC and D**MV's to check the health of database in regular basis.
* Proficient Development skills (SQL, **TSQL, Stored Procedures, and Triggers**) for the purpose of providing development support and application tuning.
* Created Logins and Users as per **client's policy and requirements** and assigned roles as needed according to the project plan.
* Worked with **SQL development team** by Designing and creating SQL Database, tables, indexes, and views. Created User Defined Functions, Stored Procedures, and Triggers.
* Creating **DTS Packages** for data import/export, **scrubbing** and scheduled jobs for backups.
* Creating Database Maintenance Plan for the Performance of SQL Server, which covers Database **Integrity Checks, Update Database Statistics and Re-indexing**.
* Involved in Analysis, Development and Maintenance of Backup Plan, Disaster Recovery Plan, Procedures and Strategies using **Maintenance Plans.**
* Experience with **backups, restores and recovery models.**

**Environment:** SQL Server 2008/2005 Enterprise, Windows Enterprise Server 2003, Shell Script, T-SQL, SQL Profiler and Scom.

**India Domain Web Services, Hyderabad, TG Feb’08 – Oct’09**

**SQL DBA**

**Responsibilities**

* Installed and setup **new SQL Server 2008/2005.** Setup and monitoring **Log shipping, mirroring and transactional replication** as high availability solutions.
* Daily **health checkups** various production database servers.Verify **backups and error logs** on the servers and **troubleshoot** them. Refresh Database as per the **requirements of the clients.**
* Experience in troubleshooting **SQL Server production issues** and managing SQL Server security and logins.**Proactively monitoring** of database servers. Responsible for troubleshooting and **problem solving** of SQL Server databases.
* Monitoring the servers by using SQL Server 2008 tools like SQL Server Management Studio, SQL Server Profiler, **SQL Server Agent, and Database Tuning Advisor**
* Worked on **Performance Tuning** and Troubleshooting of SQL Server databases.
* Monitoring **scheduled tasks** on the production, test and development servers.
* Creation of users, roles and managing security implement effective **database security practices and procedures.**
* Worked on **pre and post restores activities** as requested by business users. Developed, tested & implemented a **robust database backup and recovery strategy.** Performed database upgrades & applied **software patches** to databases servers. Participated in testing and implementing an **enterprise Disaster Recovery Plan**.
* Providing **24x7 Production support** for the database issues.

**Environment:** SQL Server 2008/2005 Enterprise, Windows Enterprise Server 2003, T-SQL, SQL Query Analyzer and SQL Profiler