**Rohini Kotta**

**SQL Database Administrator**

**(Corp to Corp Only)**

**Summary:**

* Around 7 years of experience with SQL Server 2012, 2008 R2, 2008, 2005 with strong experience in Database Development and database performance.
* Experience includes **providing 24x7 database administration** and **Remote on-call support** for Production environments.
* Supported **multiple Production Servers** along with the Development and Testing environments. Administered and maintained several large databases in the access of 500 GB.
* Expertise in **Performance tuning**, **Database Development**, **Backup/Recovery**, **SSIS packages**, **Capacity Planning**, **Disaster Recovery Planning**, **Database upgrade**.
* Administered high activity, large OLTP databases. Troubleshot locking, blocking and deadlocks related production issues. Index design.
* SQL Server **performance tuning** using SQL profiler, DMVs, Precise i3, SQL Query Plan, Query optimization.
* Implemented SQL Server 2012/2008 R2/2008/2005 Best Practices, Management Data Warehouse, different types of **Replication models** like Snapshot, Merge transactional replication and monitored them.
* **OLTP** experience like Analysis Services (**SSAS**), Reporting Services (**SSRS**) and Integration Services (**SSIS**) to manage data warehouse environment.
* Creating and maintaining the databases, creating roles and managing the permissions that are given to the user.
* A very good experience in resolving **blocking** and **deadlock** issues by using **SQL commands**.
* Participated in various **disaster recovery drills** and also documented the disaster recovery plans.
* Hands on experience in writing and debugging **Stored Procedures**, **Complex queries** using **T-SQL**.
* Created a comprehensive strategy for database maintenance including **index rebuild/reorganization**.
* Contingency and Recovery tests on standby servers as a part of **Disaster Recovery Planning**.
* Managing Production Changes including Review, Approve, & Implement changes to production environment. Change request management.

**Technical Skills:**

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| --- | --- |
| **Operating Systems** | Windows Server 2012, 2008R2, 2008, 2003 |
| **Databases** | Microsoft SQL Server 2012/2008R2/2008/2005 |
| **Programing Languages** | T-SQL, SQL, PL/SQL, PowerShell, HTML, C#, C/C++, XML |
| **Database / ETL Tools** | SQL Server Integration Services (SSIS), SQL Server Analysis Services (SSAS), DTS, Query Analyzer, SQL Profiler, SQL Server Agent, Precise i3., DMV, Orion |
| **Reporting Tolls** | SQL Server Reporting services (SSRS) and Report Builder |
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**Professional Experience:**

**BTH Bank, Quitman, TX Aug 2013 to Till Date**

**SQL Server Database Administrator**

The primary objective of this project is to provide a holistic client centric view (360° View). Client Credit Administration was identified as an area that could benefit from a holistic client centric view, as the work is currently organized by product and exception activities rather than a view of all activities per client for a Portfolio Monitoring Analyst (PMA) or Credit Support Associate (CSA).

**Responsibilities:**

* Responsible for Development and Maintenance of several databases **across environments**. Responsible for maintenance of several **mission-critical**, **high activity Production** databases.
* **Troubleshoot performance issues** such as **locking**, **blocking** and **deadlocks** on live databases using tools such as **SQL Server profiler**, **Precise i3** and **SQL Server DMVs**.
* Implemented a **Backup and Recovery strategy**. Prepared for **disaster recovery** by executing a **DR drill**.
* Implemented **special maintenance strategies** such as using **database partitioning** to reduce maintenance time.
* Implemented **Backup compression** at instance level. Implemented row and page compression to save SAN space.
* **Upgrading Analysis Services** from SQL Server 2008 R2 to SQL Server 2012.
* Work with multiple development teams on **logical and physical designs** of databases.
* Create databases after database design and **capacity planning**.
* Provided database coding to support business applications using **T-SQL**.
* Generated and processed cubes using **SSAS** and using this data in the **Dashboard reports**.
* Maintained and followed a **change control management policy** to seamlessly migrate database changes across environments.
* Creating **SSIS Package** and scheduling them through SQL Server Jobs.
* Creating Inventory SQL Server reports using **SSRS** and Moving to the **Service Manager**.
* Creating KPIs, Dimensions, Attributes, Cubes, Hierarchies, Analysis Services databases, Cubes.
* Configured the options for SSRS and fixed connectivity issues between reporting services application and SQL server databases.
* Created database maintenance jobs such as **re-indexing**, **update statistics**, **Re-Org**, **Database Back up**, **Cleanup Tasks**, and **Shrink databases**.
* Supported reporting databases by using **backup/restore** and **database snapshot**.
* Worked on **database security**. Created **roles and schemas** to limit the access to database objects.
* Configured replication methods like snapshot, transactional and merge replications.
* Monitoring and scheduled jobs on production and staging environment.
* Responsible in Monitoring and Troubleshooting SQL Server Performance issues.

**Environment:**

Microsoft SQL Server 2012/2008 R2, Windows 2012/2008 Servers, IIS 7.5, XML, T-SQL, SSRS, SSIS, Precise i3 and SQL Server DMVs

**BCBS, Kansas City, MO Jan 2012 to Aug 2013**

**SQL Server Database Administrator**

Blue Cross Blue Shield Department of Information technology was involved in creating the various WCF Web services which are consumed by several intranet applications (Windows, Web, ASMX and other WCF services) to access and load the industry standard messages such as HIPAA, Claims Information from the Trizetto Service (QNXT) by the users of HMSA with specific privileges. Technically, this application has been architecture on Model-View-Controller (MVC) model with complete Service Oriented Architecture. Also created the several Claims Reports using SSRS where a member can see his claims information.

**Responsibilities:**

* **Upgraded SQL server 2008 R2 to SQL Server 2012** on standalone and clustered environments and applied service pack.
* Interacted with application team at the time **database migration** from SQL Server 2008 R2 to SQL Server 2012.
* Interacted with Developers in troubleshooting application and database issues.
* Identified, tested and resolved database performance issues to ensure **data optimization**.
* Managing Production SQL Servers on **VIRTUAL** and **PHYSICAL** environments
* Installing and Configuring SQL Server 20012/2008 R2/2008.
* Supported the business 24x7, maintaining 99.999 uptimes depending on the application and business **SLA** requirements.
* Involved in **database design**, **database standards**, **and T-SQL code reviews**.
* Configured **Active/Active** and **Active/passive** SQL Server Clusters.
* Implemented **Mirroring and Log Shipping** for Disaster recovery
* Configured **transactional** and **snapshot replication**.
* Used tools like **SQL Server profiler**, **Performance Monitor** to identify bottlenecks.
* Documented the results from **Upgrade Advisor** and resolved all before and after issues migrating from SQL Server 2008 to SQL Server 20012.
* Involved in troubleshooting all the performance issues for different database applications.
* **Deployed SSIS packages to MSDB database** and file system using manifest file and the wizard utility in SQL Server 2008.
* Used the Execution Plan to improve the optimization of the **T-SQL code**.
* Performance tuning of SQL queries and stored procedures using **SQL Profiler** and **Index Tuning Wizard**.
* Resolving performance related issues to **Blocking**, **Deadlocks** and **long running queries.**
* Provided **24x7 Production support** for the database and application issues.

**Environment:**

Microsoft SQL Server 2012/2008 R2/2008, Windows 2012/2008 Servers, T-SQL, SQL Server Profiler, SSIS

**General Motors, Detroit, MI May 2011 to Jan 2012**

**SQL Server DBA**

General Motors are passionate about designing, building and selling the world's best vehicles. General Motor Supplier Management Application is huge software and has been developed by using different tools. The application has subdivided into two parts: one for supplier and one for Company. The company parts of the application manages the supplier and provides an option of looking report of a particular supplier on the basis of demographic, time, products and channel. Only Authorize person can enter in this web application and get historical statistics of supplier and product by selecting different option.

**Responsibilities:**

* Installed SQL SERVER 2008/2008 R2 **FAILOVER** Cluster and standalone installation on Windows Server 2008 R2 64 bit system in **PROD/TEST/DEV** from scratch.
* **Installed and administrated SSRS** 2008/2008 R2 on Windows Server 2008 R2 64 bit.
* Practiced the **DR** (**disaster recovery exercise**) at SunGard for SQL Server 2008/2008 R2.
* Setup the **Transactional Replication** for the reporting purpose.
* Set up the **active-active** clusters.
* Implemented **Transactional Log shipping and mirroring** for database high availability.
* Regularly installed **service packs** and **hot fixes** for both **clustered and standalone** environment.
* Configured the **alerts and jobs** for the regular monitoring of the database Server.
* Extensively used the **Orion monitoring tool** at OS level.
* Used native tools **DATABASE TUNING ADVISOR, PROFILER, PREFMONCE and ACTIVITY MONITOR**.
* Regularly deployed the reports and configured the subscriptions for automated email delivery of the reports.
* Configured the **DB SMTP mail** for the notification purposes.
* Developed **SSIS package** in SQL Server 2008 to build the content data for the application.
* Scheduled **agent jobs for database backup** and windows task to clean up the file system using **VB Script.**
* Used the **DMV and DMF** for the performance data collection and monitoring.
* Implemented **T-SQL** features like **Data partitioning**, **Error handling**, **Common Table Expression** (**CTE**) and **Snapshot Isolation**.
* Implementation of **SQL Logins, Roles and Authentication Modes** as a part of Security in SQL Server and SSRS.
* Implemented **SQL Audit 2008** and **Server Side trace** for auditing at server and database level on SQL Server 2008.
* Identified, tested, and resolved **database performance issues** (monitoring and tuning) to ensure database optimization.
* Used **BULK INSERT** to import the data from flat files.
* Developed **stored procedures**, **functions**, **triggers** in **T-SQL** and **batch scripts**.
* Provided **24x7 support** and team player during production outage.

**Environment:**

TSQL, SQL Server 2008/2008 R2, SSRS, Query Analyzer, Visual Studio 2005, VB.NET, C#, Windows Server 2008, IIS, Orion, VB Script.

**Maimonides Medical Center, Brooklyn, NY Oct 2009 April 2011**

**Production MS SQL Server DBA**

Maimonides Medical Center is a nationally recognized academic medical center and medical facilities. The project was aimed to analyze, design and Database production support of 200 servers (including Standalone and cluster servers with Sunrise Clinical Management (SCM), more than 3000 databases for Maimonides Medical center with HIPPA compliance all Clinical, Emergency Dept. database application. Which includes the following: environments: transactional replication, log shipping, mirroring with stand along server also Clustered server

**Responsibilities:**

* Provided **24x7 supports** for **Database administration**, **deployments/upgrades**, **DR**, **patching**.
* Performed **performance tuning** using **Dynamic Management Views** (**DMV**s) and **System Catalog Views**, **Profiler** and **Server-side Traces**, **Windows Performance Monitor**, **DBCC commands** and in-built SQL tools like **SQL Profiler**, **DTA** (**Database Engine Tuning Advisor**).
* Implemented custom Maintenance jobs–schedule to run daily and on weekends (tasks like rebuilding. Indexes, defragmenting Databases, Shrink Database, and Database complete backup).
* **Migrated** SQL Server 2005 to SQL Server 2008 and SQL Server 2008 R2.
* Created/developed **Stored Procedures Triggers** to handle complex business rules, history data and audit analysis.
* Responsible for installing SQL Server on **the new build Standalone** and **Clustered servers**.
* Maintained databases, performed software installations and upgrades, monitored database performance, performed capacity planning and SQL Server clustering, and managed database Quality Assurance including database consistency check.
* **Disaster Recovery** for critical database with compliance for **HIPPA**
* Monitored strategies, processes, and procedures to ensure data integrity; optimized/reduced data redundancy; maintained required level of security for all production and tested databases.
* Ensured developers coordinated their efforts in managing and maintaining different application databases.
* Performed post-upgrade tasks including updating statistics, changing data-base compatibility level, reconfiguring log shipping, executing upgrade testing, verifying agent jobs and maintenance tasks, bringing system online and monitoring system activity.
* Migrated **DTS packages** in SQL Server 2005 to SSIS of SQL Server 2008.
* Responsible for applying newest service pack and hot fix to all the SQL Server.

**Environment:**

SQL Server 2005/2008/2008 R2, Windows 2008/2003 Servers, T-SQL, SQL Server Profiler

**3-GIS LLC, Decatur, AL Jan 2008 to Oct 2009**

**MS SQL Server Admin / Developer**

3-GIS is a premiere Systems Integrator for all Automated Mapping and Facilities Management needs. 3-GIS provide geospatial consulting and system integration services to meet diverse customer requirements. Main concentrations lie in serving industries like Electric, Gas Utility, Telecom, Emergency Management and Water with access to thin client solutions that provide direct and immediate access to GIS data. Provides cutting edge GIS applications developed by a creative team that concentrates on designing software that is ahead of the curve – proactively providing solutions to your problems. By offering these thin-client mapping solutions that ease the burden of time-consuming installations and eliminate the need for expensive training sessions, the company allows to concentrate on your specific business requirements.

**Responsibilities:**

* SQL Server 2005 RDBMS database development using **T-SQL programming**, **queries**, **Stored Procedures**, **Views**.
* Worked on **Extracting, Transforming and Loading** (**ETL**) process to load data from Excel, Flat file to MS SQL Server using **SSIS**.
* Created **SSIS packages** to load the data from Text File to staging server and then from staging server to Data warehouse.
* ETL implementation using SQL Server Integration Services (SSIS), Applying some business logic and data cleaning in staging server to maintain child and parent relationship.
* Worked on Control flow tasks such as Execute SQL task, Send Mail Task, File System Task, Dataflow Task and used different data sources and destination with derived column, lookup transformation within Dataflow Task.
* Experience in creating SSIS packages using different type’s task, with **Error Handling**, **Log particular event** by creating logging and worked on package configuration to run package on different server.
* Expertise in designing ad-hoc reporting for different level of end user using Report Builder 3.0.
* Extensive use of **T-SQL DDL** and **DML** commands for various applications.
* Developed stored procedures, triggers, row level audit tables in SQL Server.
* Defined relationship between dimensions and measures groups, calculated slowly changing dimensions, KPI for different **OLAP cubes**.
* **Created OLAP cubes** using Analysis Services, configured the security roles to the OLAP environment and Optimized the Data ware housing environment.

**Environment:**

SQL Server 2005, SSIS, SSAS, T-SQL, Active X Script, VB Script, MS Excel, Windows NT scripting.

**EDUCATION:**