Karthik

SQL Server DBA

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**Professional Summary:**

* Over 8 Years of total IT experience including SQL Server DatabaseAdministration, Production support, BusinessIntelligence including Development and Implementation of very large and complex databases in SQL Server 2016,2014,2012, 2008R2, 2008, 2005.
* Good experience in Installation, Setup and Configuration of Oracle 10g, 11g in Sun Solaris, Windows, Unix/Linux Environment.
* Hands on experience in Installation and Configuration of SQL Server technology, servicepacks and hotfixes. Updates rolled-out from Development, Integration, QA and finally Production.
* Experience in Implementation of Microsoft Business Intelligence (BI) platforms including SQL Server Data Tools (SSDTBI), BIDS (SSIS&SSRS), and Master Data Services in SQL Server.
* Experience in implementing effective DisasterRecovery Strategies like Always ON, DatabaseMirroring, Replication (Snapshot and Transactional), Clustering and log shipping.
* Experience in configuring and working on Active-Active, Active-Passive and multi-subnet cluster environment.
* Experience in Deploying SQL Server Databases to AWS and SQL Azure.
* Experience in Physical and logical Data Modeling using ERWIN & VISIO.
* Experience in Capacity planning**,** Performancetuning**,** Troubleshooting**,** Backup&RestoreProcedures.
* Excellent skills in creating Tables, stored procedures, triggers, functions, views using Transact-SQL(T-SQL)Programming.
* Experience in Configuring Security at Active Directory and SQL Server Level by creating Principal (Logins) and Mapping Users to Roles (Securable and Permissions).
* Expertise in Database Maintenance by using Managing Index Fragmentation**,** ManagingStatistics, Shrinking Files and Using DBCC Commands.
* Configuring SQL Server Agent Jobs, Packages**,** Sending alerts using SQL Mail**,** Designing DatabaseSecurity like creating Roles and managing UserPermissions.
* Extensive hands-on experience with MSSQL ServerUpgrades**/**Migrations and VMware environments**.**
* Monitoring and Troubleshooting SQL ServerPerformance using QueryTuning, SQL Server Profiler, System Monitor, Database Engine Tuning Advisor, DMVs and Functions and Resolving Blocking&DeadlockingIssues.
* Expertise in Deployment of DTS and SSIS and SSRS projects.
* Experience in Extracting**,** TransformingandLoading(ETL)datafrom Excel, Flat File, Oracle toSQL Server by usingBCPUtility**,** SSRS**,** SSISservices and Informatica.
* Experience in implementing SQL Server security in terms of Access control, Policy based management, Server roles, Catalog security, Encryption, Network security.
* Expert knowledge in client connectivity TDS/TCP/IP packages including ODBC, OLEDB and JDBC.
* Good Knowledge on Windows Server Events and SQLServerEvents.
* Thorough knowledge on SAN environments, RAID levels and VMware environment.
* Worked in SAS COE infrastructure which includes Storage (SAN/NAS), CISCO, Brocade Switches, Private cloud, Physical and VM servers running Linux OS.
* Good Experience in Deploying and Managing SQL Server Code through TFS 2013.
* Exposure to multiple database platforms like Oracle, MYSQL and MongoDB.
* Able to work independently and collaborate proactively & cross functionally within a team.

**Technical** **Skills**:

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| **Databases** | **MS SQL Server 2016/2012/2008R2/2008/2005/2000,MySQL and Oracle 10g/11g** |
| **SQL Server Tools** | **Server Data Tools BI, BIDS, Extended events, SQL Server Profiler, Visual Studio DTS, Replication and Always ON** |
| **Operating Systems** | **Solaris, Linux/Unix, Windows NT, Win 2000, Windows Server** |
| **Languages** | **HTML, T-SQL, PL-SQL** |
| **Internet Technologies** | **ASP.NET, HTML, XML, DHTML** |
| **Web servers** | **IIS 6.0/7.0** |
| **Tools** | **SSIS, SSRS, Idera Diagnostic manager, SQL Query Manager, Toad, SQL Lite Speed, Red Gate SQL Backup, ERWIN, BMC Remedy, Informatica** |

**Professional Experience:**

**Client: Molina Healthcare, D.C**

**Duration: Sep’16 – Till date**

**Role: SQL DBA**

**Responsibilities:**

* Installed, Configured, Administered and Secured SQL Server 2008R2/2012/2016.
* Migrated Legacy Applications from 2008R2 to 2012/2016.
* Implemented Always on High availability and Disaster recovery on all migrated databases.
* Design/setup of active-active/passive (2+1) multi instance SQL Server 2012 failover clustering solution Implementing service packs and security vulnerabilities.
* Migrating databases to cloud environment on Microsoft Azure.
* Implemented the restores of SQL Azure Databases with a clear understanding of Backup retention periods of the Azure Databases as per their Service tiers.
* Involved in Data modeling using ER diagram, Dimensional data modeling, Star schema modeling and Snow-flake modeling using tools like ERWIN and ER-Studio.
* Ensured all the Databases are Backed Up and Tested to meet the Organizations RPO and RTO.
* Managing User Permissions, Logins and Security Issues. Monitoring Event Viewers, SQL Error logs and Log Files, Oracle Alert Logs and Trace Logs, Event Viewer for S/W and H/W errors.
* Analyze long running slow queries and tune the same too optimize application and system using query Execution plan, Data tuning advisor, Profiler and DMV’s.
* Analyzed T-SQL Code and suggesting performance improvements.
* Performance Tuning, Monitoring and Optimization of T-SQL blocks in Prod and Dev.
* Exported and Imported Data from Text Files and Excel T-SQL server Database using Bulk Import.
* Implemented PowerShell for Always On Management.
* Worked with SSAS in creating Cubes, data source views, named queries, dimensions and deploying of Analysis service projects.
* Designed stored procedures in OLEDB source to retrieve data for SSIS package to process.
* Created SSIS packages to import Data daily from OLTP Application to Data Warehouse.
* Extensively involved in ETL process from the source to target systems using Informatica 7.1.
* Experience with Transparent Data Encryption (TDE).
* Extensively used Repositories like Team Foundation Server (TFS), Visual source safe and Clear Case for Data Archival.
* Using Splunk tool as Big Data concept, gathered events to track down any DB server issues.
* We are using HIPPA (Health Insurance Portability and Accountability Act) to protect patient's privacy expectations under the policies and procedures.
* Worked on Projects to provide DBA support for Building SQL Servers for new applications (begin to end support).

**Environment:** Windows 2012/2008/2003, MS-SQL Server 2016/ 2014/2012/2008R2/2008,T-SQL, PowerShell, MDS, SSIS, SSRS, Oracle 10g/11g, Linux/Unix, Idera SQL Diagnostic manager, Toad, TFS, Active Directory.

**Client: M&T Bank PA**

**Duration: Jan ’15 - Aug ’16**

**Role: SQL DBA**

**Responsibilities:**

* Managed and Supported more than 180 SQL Server with Approximately 600 Databases in Cluster/Standalone/Virtual Environment. Spread across Multiple Datacenter Locations.
* Installed and configured Active-Passive Clustered nodes and performed fail-over from one node to another.
* Implemented Service Now and Migrated Data from ITSM Databases to Service Now.
* Designed SSIS packages to handle SCD type 2 and SCD type 3 in incremental loading.
* Involved in Extracting Data using SSIS from OLAP to OLTP.
* Developed Complex Stored Procedures, T-SQL Functions, Joins, Triggers and Views.
* Implemented slowly changing transformations with SSIS to maintain historical data in the data mart.
* Scheduling and implementing patching activities i.e. Service packs and Cumulative upgrades as per baseline standards at Bank.
* Monitoring and log management on UNIX and Windows servers including processes, crash and swap management and performance tuning.
* Worked on SOX Compliance for maintaining Roles and Responsibilities, Data integrity and Data Management.
* Configured Apache on Solaris 10 and Linux for virtual and Web hosting. Installing and Configured MYSQL in Solaris 10 and Linux environments.
* Created Builds in TFS for Deploying Master Scripts in UAT and Production Environments

**Environment:**Window2012/2008/2003/2000/NT4.0,VMware,MSSQLServer2012/2008R2/2008/2005,TSQL, SSIS, SSRS, System Monitor / Performance Monitor, Foglight, LiteSpeed.

**Client: Fifth-third bank, GA**

**Duration: Feb ’14 - Nov ’14**

**Role: SQL DBA**

**Responsibilities:**

* Administrated and Managed SQL Server 2008R2/2012 databases in Production, Staging, QA and development environments.
* Involved in in SQL Server installation (Cluster\Standalone), maintaining guidelines as per SOX Security.
* Implementing DR solution, High availability of database servers using Database mirroring and replications.
* Installed and Configured Oracle 10g on Linux and also Involved in Upgrade from Oracle 10g to 11g.
* Performed Incremental Backups using RMAN, Created Recovery Catalog, Performed Complete and Incomplete Recovery Using RMAN.
* Performed database/infrastructure physical design, database upgrades to 3.6 contour versions& applied software patches and builds to databases as per application/client requirements.
* Performed a key role in gathering business requirements, analysis, architecture, design and develop data models and perform forward and reverse engineering using data modeling tools like ERWIN.
* Used Policy Based Administration feature (SQL Server) and Worked with SCOM Monitoring.
* Worked on Version Control tools like Team Foundation Server- TFS 2010&2013.
* Setting up Linked Servers in Kerberos authentications.

**Client: NSD, NJ**

**Duration: Dec’12 - Jan’ 14**

**Role: SQL DBA**

**Responsibilities:**

* Planned and implemented long-term capacity planning and infrastructure changes to maximize performance for all database components.
* Design/setup of active-active/passive (2+1) multi instance SQL Server 2008 failover clustering solution Implementing service packs and security vulnerabilities.
* Involved in defining the source to target data mappings, business rules and data definitions.
* Involved in developing SSAS cubes with KPIs, aggregation, calculated members, and partitions for reporting.

**Environment:** SQL Server 2008/2005, Windows Server 2003/2008,Transactional Replication, Business Intelligence Development Studio, SSIS, SSRS, .NET, Microsoft Exchange Server, SQL Diagnostic Manager, MS Visio 2003, T-SQL.

**Client: Processware, VA**

**Duration: Sep’11 – Nov ’12**

**Role: SQL DBA**

**Responsibilities:**

* Developed logical design and physical design.
* Administered and maintained production/Development servers with more than 2TB of database size with complex structures.
* Involved in setting up and troubleshooting Database mirroring.
* Extracted data source for cube from SAP transactional system and flat files.
* Involved from proposal scoping, blueprinting, development, field testing and go live of the solutions.

**Environment:** SQL Server 2005, 2008, 2008R2, SAP Business Objects 4.0, XI 3.1, R1/R2 6.5.x,T-SQL, Excel, Advanced Windows 2000 Server, Visual Source Safe 6.0 Version Control Management), TFS (Team Foundation Server), 2003/2005.

**Client: GAP, San jose, CA**

**Duration: Oct ’09 – Aug’11**

**Role: SQL Server DBA**

**Responsibilities:**

* Managed and Administrated the SQL Server 2008/2005/2000 production and Non-production servers.
* Involved in the migration of SQL Server 2000 databases to SQL Server 2005.
* Evaluated data storage considerations to store databases and transaction logs.
* Creation of ETL Processes for the added new Subject areas, Develop Data Extraction, Transformation and Loading Program using Data Integrator.
* Created Database Maintenance Plans for the performance of SQL Server, which covers Database Integrity checks, update database Statistics and Re-indexing.
* Worked on log shipping for synchronization of database.
* Transferred data (ETL) to Data warehouse Environment using SSIS.

**Environment:** MS SQL Server 2005/2008, Windows Server 2008 advanced server NT, IIS Server 5.0, SSIS, Reporting Services, SQL Profiler and XML.

**Client: Synapse, India**

**Duration: Sep ’08- Sep ’09**

**Role: Jr.SQL Server Developer/DBA**

**Responsibilities:**

* Maintaining SQL Server 2000/2005 servers for day-to-day activities.
* Created measures, measure groups, dimensions and multi-dimensional cubes.
* Maintained security related activities such as logins and database object permissions. Managing Login Authentication and User Privileges for more than 100 users.
* Extensively used Joins and sub-Queries to simplify complex queries involving multiple tables, added Columns, triggers and configured IIS and Worked on Index tuning, stored Procedure tuning.
* Involved in Optimization and normalization of database and tables.
* Part of team for analyzing and implementing the physical design for database.

**Environment:** SQL Server 2000/2005/Windows NT/2003/2008 R2, TFS, .Net