Cherishma V



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**Professional Summary**

Highly motivated, quick learner with over 8 years’ experiences working in the IT industry specializing in Microsoft SQL Server database administration and development. Proven ability to solve a wide variety of software and business issues. Excellent analytical, organizational, multi-tasking, planning and problem solving skills. Operate well independently or within a team. Eager to increase my knowledge and add to my technical skill set. Deal well under pressure and with rigorous deadlines.

* Expert in **System Analysis and Design, Development, SupportMSSQL Servers (2000 to 2016) in Production, Development and Testing** in **Clustered and Standalone Server** Environment.
* Expert in **installing MS SQL SERVER 2016, 2014, 2012, 2008r2, 2008, 2005, 2000** updating with the **hot fix and service packs.**
* Hands On Experience on**MS SQL Server Azure/2014/2012/2008R2/2008/2005/2000 & 7.0**
* Experience on **Demand Planning module of various Enterprise resource planning (ERPs)**
* Migrating and new installations of SQL Server on **Hyper-V & VMWARE** environments and Supporting the **SQL Server instances, which are lying on the Windows Hyper-V servers**.
* **Expert** on **installing and using the new features of SQL 2012 and 2014.**
* Implemented **Always On Availability Group** as High Availability and Disaster Recovery solution on SQL Server 2012 and 2014
* Proficient in **configuring, implementing, and monitoring different types of High Availability and disaster recovery scenarios like AlwaysOn, Mirroring, Replication, log shipping, and clustering.**
* Hands on Experience on **Changed Data Capture (CDC), Policy Based Management, Data Compression, Resource Governor, Performance Data Collector, Partitioning and Transparent Data Encryption (TDE).**
* Experience in analyzing **Locks, Dead Locks and Handling the Isolation Level and Concurrency Effects.**
* Experience on **Cloud Computing on Microsoft Windows Azure.**
* Suggesting the rite hardware for hosting SQL Server on Hyper-V like suggesting the different types of VHD’s supporting Dynamic, Virtual, and Pass through.
* Extensively used the native tools like **index tuning wizard, data base tuning advisor, profiler, perfmon, activity monitor, Event viewer for performance analysis**.
* Experience in administrative activities comprising **Performance Tuning, Query Optimization, Client/Server Connectivity, and Database Health Check, Indexing, and Updating Statistics.**
* **Expertise** in Configuring and managing **Database Mirroring, Log Shipping and Replication.**
* Well Knowledge on SQL Server **Consolidation & Virtualization (VMWare, Hyper-V)**
* Experience in **Backing up, restoring** the data base manually and by **scheduling the jobs and Maintenance Plans.**
* Configured Security at **ACTIVE DIRECTORY** AND **SQL SERVER LEVEL** by **Creating Principals (logins)** and **Mapping users to roles. (Securables and Permissions).**
* Experience in using the **DMVS, DMFS, SP\_PROCS, INFORMATION\_SCHEMA, and SYSTEM VIEWS AND in built GLOBAL VARIABLES** for the instant analysis.
* Dexterous developer in creating **Constraints, Defaults, Rules, Tables, Indexes, Views, Stored Procedures, Functions, Triggers, Cursors and Dynamic sql queries**.
* Performed **BCP, BULK INSERT, Imported and Exported data** from different **Data Sources.**
* Experience in logical and physical data modeling of the database in **ERWIN and MSVISIO.**
* Experience in **Normalization, Database design, Performance Analysis and Production Support** for **very large (VLDB) and Complex Databases.**
* Expertise in analyzing and estimating the **Execution Plan for better Query Optimization.**
* Configured **SMTP Server** for **Database Mail setup and received Alerts for the Threshold values.**
* Extensively used **Repositories** like **Team Foundation Server (TFS), Visual source safe** and **Clear Case** for **Data Archival**.
* Handled multiple **SQL Instances** on **Cluster environment** for Server Consolidation projects built on **SAN using RAID levels**
* Deployed and Debugged **SSIS packages** for **import, export and bulk insert data** with **transformations** from various data sources.
* Experience in generating **Reports (SSRS) in Business Intelligence Development Studio (BIDS).**
* Experience in handling **Partitioned cubes in SSAS** both in **star and snow flake schema**.
* Experience in creating **CUBES in BIDS** with **Fact and Dimension Tables**.
* Explicitly used third party tools like **Litespeed, Foglight and Red gate.**
* Created linked servers between **Oracle 10g and MS SQL SERVER 2005** and also deployed **SSIS** packages for data transfer.
* Worked with a team of **business analysts, data architects, application developers, ETL developers and testers, my objective was to deliver projects within scope, time and costs while following department standards, methodologies and guidelines**
* Involved in all phases of the **SDLC** (software development life cycle).
* Strong experience in mentoring with team members, documentation and **24/7 on call production support**

**Education**

* Bachelors of Technology, J.N. TECHNOLOGICAL UNIVERSITY, Anantapur, AP
* Worked as an undergraduate assistant for 10 months in J.N. TECHNOLOGICAL UNIVERSITY, Anantapur, AP

**Technical Expertise**

**Databases**: MS SQL Server Azure/2014/2012/2008R2/2008/2005/2000 & 7.0, oracle8i.

**Programming**: SQL, TSQL, C, C++,C#,JAVA, .NET, PowerShell

**Operating System**: Windows 2008 R2/2003/2000 Advanced Server, NT & Windows 9x, Linux, VMware (VMware Servers, Work Stations), Microsoft Hyper-V Servers

**Version Control:** VSS – Visual Source Safe

**SQL Server Native Tools:** SSMS, Database Upgrade Advisor, Query Analyzer, SQL Profiler and Database Tuning Advisor, SQLCMD, SQL DB Access, Performance Monitor, Backup Utility, Reporting Services Configuration Manager, Business Intelligence Development Studio (BIDS), SQL Server Configuration manager and others

**Third Party Tools:**Idera DM, Idera Compliance Manager, SQL Safe Lite, Quest LiteSpeed, Erwin, Spotlight, Ignite, Service Manager

**Other Software**: Tableau, Active X, IIS, Microsoft Transaction Server, VBScripts, HTML, XML, Microsoft Cloud Services (Windows Azure Platform).

**Network Topologies:**TCP/IP, DNS, WINS, DHCP, FTP, SNMP, SMTP

**ETL Tools:** SSIS, Pentaho, BCP,DTS

**Hardware/Storage:** SAN, RAID

**Ticketing system:**Kayako, Remedy, SM (Service Manager HP)

**Professional Summary**

**State Street Corporation, Boston, MA January 2016 – Present**

**SQL Server DBA**

**Responsibilities**

* Installed and Upgraded from SQL Server 2000, 2005 and 2008 to 2008 R2, 2012, 2014, 2016.
* Migrated Databases from SQL Server 2000, 2005 and 2008 to 2008 R2, 2012 and SQL 2008r2 to SQL 2012 and 2014.
* Migrating and new installations of SQL Server on VMWARE environment and supporting the SQL Server instances, which are lying on the VM servers.
* Installed and configured SQL 2012 AlwaysOn Availability Groups.
* Installed and configured clustering and AlwaysOn Availability Groups environment as a High availability DR solution.
* Tuning queries which are running slow using Profiler and Statistics IO by using different Methods in terms of evaluating joins, indexes, updating Statistics and code modifications.
* Created complex stored Procedures, Triggers, Cursors, Tables and other SQL Joins and Statements for Applications by using T-SQL.
* Monitored and modified Performance using execution plans and Index tuning.
* Experience in Database security and integrity planning
* Designed Data Integrator jobs with Error Handling and email notifications.
* Managing Databases spread across multiple servers in Production, Development, staging & testing environments.
* Daily routine DBA tasks like handling user’s permissions and space issues on Production and Semi-Production Servers and handling maintenance Jobs.
* Routine DBA jobs like Backups and Restores.
* Experience in Encryption on table level, TDE encryption (database level) and SSL encryption (server level).
* Setup and maintained Linked Servers.
* Used sql compare tool to generate sql upgrade advisory reports for the application teams.
* Monitored sql server performance using spotlight.

**Environment:**MS SQL Server Azure 2014/2012, MS SQL Server 2016, 2014, 2012, 2008 R2, 2008, 2005 and 2000, T-SQL, SSAS, SSIS (ETL), SSRS, SharePoint Server 2007, 2010 and 2013, Windows 2003, 2008, 2012 Servers.

**Huntington National Bank, Columbus, OH August 2014 - December 2015**

**SQL Server DBA**

**Responsibilities**

* Installed and configured MS SQL Server 2005, 2008 and 2012 versions
* Configured and manage SQL Server 2012 Always-On solution
* Experienced in monitoring and troubleshooting performance issues and optimized TSQL queries, stored procedures, functions etc.
* Configured and monitored the High availability solutions SQL server Database mirroring, Log shipping, Clustering, and SQL server Replication Technologies
* Experienced in rebuilding the indexes on regular intervals and placing the huge table/non-clustered index on the separate file group to improve the performance
* Developed & executed scripted changes requests in accordance with change control procedures
* Executed Data migrations from one database structure to another Using SSIS Review and Migrated Stored Procedure
* Involved in Scheduling Tasks, Setting Alerts, Managing Task Scheduling, setting up SQL Mail, Managing Alerts, Monitoring and Tuning SQL Server, and also suggested better Scheduling Strategy for jobs to overcome Blocking and Dead Locks
* Handled numerous change management requests on production servers
* Analyzed the existing application programs and tuned SQL queries using Execution plan, Query Analyzer, SQL Profiler and database Engine tuning Advisor
* Configured Database maintenance plan as per the capacity planning and priority/severity of the Database and defining the required retention period for the backup storage
* Monitored and tuned all aspects of SQL Server infrastructure like Disk, CPU, Memory, SQL Code etc., by using Perfmon, Profiler, Dynamic management views
* Implemented Disaster Recovery for SQL Server DBA Production Database as Fail-Over or Standby Servers.
* Used Log Shipping Technique for warm backup solution for MS SQL Server databases
* Continuously monitored and updated Backup and Recovery strategy to recover data based on requirements
* Involved in Day-to-day activities such as Agent Jobs, Services, Index, Database growth, health and consistency check.
* Experienced in Data maintenance activities like partitioning, archiving and purging, issue or problem maintenance and management, Incident management, Security maintenance etc.
* Provided overall configuration and change control management for data base components
* Implemented table partitioning and Worked with Change Data Capture (CDC)

**Environment:**MS SQL Server Azure/2014/2012/2008R2,MS SQL Server 2012/2008R2, T-SQL, SSIS, SSRS, ReportBuilder, Lite Speed, BCP, SQL Profiler, Replication, Log shipping, Mirroring, Clustering, VMware ESX servers, Windows XP/2000 and Windows 2008/2012 Server.

**L Brands, Columbus, OH August 2012 – July 2014**

**SQL Server DBA**

**Responsibilities**

* Installed and Upgraded from SQL Server 2005 to SQL server 2008 and 2008 R2, 2012,2014
* Experienced in installation of SQL server on Development and Production Servers, setting up databases, users, roles and permissions
* Implemented automated backup and database maintenance / cleanup jobs
* Performed daily tasks including backup and restore by using SQL Server 2005 tools like SQL Server Management Studio, SQL Server Profiler, SQL Server Agent, and Database Engine Tuning Advisor
* Worked on debugging and troubleshooting the database issues and code issues
* Wrote, designed and produced customer site allowing customers to view reports, place orders, download newer software versions, and set up their own surveys
* Managed Logins, Users, Roles and User permissions
* Wrote complex Stored Procedures, T-SQL for data transformation and analysis
* Created web-based dashboard to show reports produced, average report run time, emails sent, surveys taken, etc.
* Dexterous developer in creating Constraints, Defaults, Rules, Tables, Indexes, Views, Stored Procedures, Functions, Triggers, Cursors and Dynamic SQL queries.
* Involved in Analysis, Development and Maintenance of Backup Plan, Disaster Recovery Plan, Procedures and Strategies using Maintenance Plans
* Designed and implemented Disaster Recovery site using SQL Server Log Shipping
* Worked with storage and network administrators to plan and estimate drive space and storage needs throughout the environment

**Environment:**MS SQL Server 2005/2008/2012/2014, Windows 2000, Windows NT 4.0, LINUX, SQL Light speed Backup Software, Erwin, Enterprise Manager, SSIS, SQL Query Analyzer, SQL Profiler, MS Access

**JBS INTERNATIONAL, INC, North Bethesda, MD** **December 2010 – July 2012**

**SQL Server DBA**

**Responsibilities**

* Install, Configure, Monitor and Maintain SQL Server 2005, 2008 R2 and 2012 databases, SSRS, SSIS and SSAS on multiple servers
* Used Data Transformation Services (DTS)/SQL Server Integration Services (SSIS) an Extract Transform Loading (ETL) tool of SQL Server to populate data from various data sources
* Worked on upgrading DTS packages to SSIS packages
* Migrated SQL Server databases and logins from one server to other
* Performing routine tasks such as disk space check, Consistency checks, looking for slow/long running queries, hung jobs etc.
* Extensively used Joins and sub-Queries to simplify complex queries involving multiple tables
* Worked with System Administrators in configuring windows failover cluster and implemented SQL Server AlwaysOn
* Reviewed and optimized SQL queries, stored procedures, views and triggers from other developers to achieve maximum efficiency and scalability
* Experience in using the DMV's, triggers, Schema, views and in built global variables for the instant analysis
* Responsible for backups/restores, monitoring SQL uptime
* Used SQL Profiler to identify the Dead Lock issues
* Worked on 2012 failover clustering and mirroring
* Implemented full and differential backups and transaction-log backups
* Scheduling backups and automating weekend maintenance tasks such as Reindexing, update statistics by setting up SQL Server Agent jobs
* Partitioned the database by creating the new file groups and moved large tables for high performance

**Environment:**SQL Server 2005/2008/2008R2/2008R2/2012, Windows NT/2000/XP/2003/2008, SQL Server Management Studio, SQL Server Business Intelligence Development Studio, Query Analyzer, Event Viewer, SQL Profiler, Index Tuning Wizard, Database Engine Tuning Advisor, SSIS, SSRS.

**SONATA SOFTWARE LTD, Bangalore, KA September 2008 – November 2010**

**SQL Developer**

**Responsibilities**

* Studied and understood the requirements of the information required by company's Procurement Department about the vendors
* Wrote and Debugged T-SQL, stored procedures, Views and User Defined Functions
* Developed database objects like Tables, views, stored procedures, indexes etc.
* Worked with fellow developers in rewriting procedures, functions, triggers, table partitions, views for better functionality
* Normalization and De-Normalization of tables
* Wrote T-SQL queries for the retrieval of the data
* Worked with the developing team in the Writing functions in Visual Basic 6.0 for Upload download functionality, Data transfer and migration
* Developed Backup and Restore scripts
* Worked with developers on how to write better SQL, how to use more powerful features like table variables, how to avoid cursors, etc.
* Used many transformations like Data Conversion, Derived Column, Conditional split, Multicast, Sort, Merge, Union All, Fuzzy Lookup, Fuzzy Grouping and also used For loop, For each Loop, Sequence container and Execute SQL task etc.
* Created and executed the stored procedures and complex queries for reports
* Developed administrative tasks of SQL Server of performing daily Backups and Recovery procedures
* Have good experience in SSRS reporting and also generated different kinds of reports like Tabular Reports, Matrix Reports, Parameterized Reports, Ad-hoc Reports, Drill down Reports, Drill through Reports, Sub reports, List & Chart reports as well as interactive reports according to business requirements in time restricted environment

**Environment***:* SQL Server Enterprise Edition/ SQL Server 2005, SQL Profiler, Database Tuning Advisor, SQL2000, Visual Studio 2005/2008.