**Jai**

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**216-307-4643**

**PROFESSIONAL SUMMARY:**

* 9 years of MS SQL Server Core database administration experience & development experience with DBA responsibilities.
* Hands on Experience in installing, configuring, creating, managing, monitoring, and troubleshooting SQL Server 2000, 2005, 2008, 2008R2, 2012, 2014, 2016, 2017,2019 and 2022 databases in both Physical and Virtual environments.
* Assisted in the migration efforts of the purchase of the Obregon Brewery in 2017. Completed database migrations in less.
* Design and implement an automated Database Installation process for SQL 2012 2014, 2016 2017, and 2019 and 2022.
* Expert in the Database architecture and Configuration, Analysis, Development, Maintenance, Tuning, Migration, Support and Administration.
* Expert in writing MDX queries with extensive experience in creating and customizing Cubes using SQL Server Analysis Services SAS 2005/2008/2208R2.
* Upgrading and migrating SQL Servers from on-premises data center to another data center and on-premises data center to AWS Cloud.
* Creating, Maintaining and Tuning Views, Stored Procedures and User Defined Functions using T-SQL.
* Expertise in Performance Tuning, Index Tuning, Maintenance, Troubleshooting, Query Optimization, Client/Server connectivity and Database Consistency Checks using DBCC Utilities. Extensive experience in writing and tuning complex queries and stored procedures.
* Good knowledge on delivering predictable performance, scalability, business continuity, data protection using Microsoft Azure SQL Database and SSDS.
* Created complex SSIS packages for data transformation from multiple sources and, implemented Error Handling and parallel processing to reduce workflow and time.
* Used custom .NET assemblies in Script Task in SSIS.
* Expertise with SQL Server Tools, including Enterprise Manager. Management Studio, Query Analyzer, Profiler, SQL Server Agent, DTS, SSRS, SSAS and SSIS.
* Developed Power Shell scripts for deployment of SQL scripts for application release.
* Doing code reviews helping developers for query optimization.
* Designed and implemented comprehensive Backup plans and disaster recovery strategies.
* Involved in troubleshooting front end applications designed connectivity issues and backend performance issues.
* Responsible for providing SQL Server problem resolutions and 24/7 production support and Server outages.
* Excellent Knowledge in analyzing Data warehouse by building cubes using SQL Server Analysis Services SSAS
* Experience is SSIS Script tasks, transformations and Data flow tasks using T-SQL and C#.
* Experience with SSIS Performance tuning using Counters, Error Handling, Event Handlers using check points and scripting with C# in SSIS.
* Utilized XML format and relational database to store and exchange data.
* Automation of SQL Server Maintenance, SQL Scripts and SSIS Package deployments using Power Shell.
* Extensive experience in writing and Tuning complex Queries, and Stored Procedures.
* Troubleshooting Database/SQL statement issues.
* Involved in all phases of the Software Development life cycle (Documentation, Designing, Development, Unit testing and bug fixing).
* Experience in setting up monitoring to check for Windows Server and SQL Server services.
* Good experience in Documenting the process and project level documentation.
* Experience in Automating Database maintenance plans for checking database Integrity and Capacity planning.
* Experience in Scheduling and Configuring SQL Server agent Jobs, Alerts, operators and Database Mail Configuration
* Configured Database backups for production environment according to company’s RTO and RPO policies.
* Timely resolved production tickets without breaching the SLA timelines.
* Ability to meet deadlines, quickly adapt to different project environments and ability to work   
  with different teams across geographical locations.
* Excellent organizational, interpersonal and communication skills, making a good team player.
* Participated in on-call rotation to support production environments.
* Provide 24x7 environment uptime supports to all SQL Servers.

**TECHNICAL SKILLS:**

Database :  SQL Server 2000/2005/2008/2008R2/2014/2016/2017/2019/2022

Operating systems : Windows Server 2000/2003/2008/2012/2016/2019

Ticketing Tools : Service Now and BMC Remedy

Backup Tools : lite speed and red gate

Monitoring Tools : SQL Diagnostic Manager and SCOM

Roles Interested in : SQL developer/DBA,MSBI developer, Azure engineer.

SQL Server Tools : Query Analyzer, SQL Server 2008.SQL Server 2005 Management Studio, DTS, SSIS,SSDS, SSRS: Répovas and SSAS.

**Work History:**

**Sr. SQL Server DBA Jan 2023- current**

**Charter Communications**  **A, TX**

* Hands on installing, configuring, creating, managing, monitoring, and troubleshooting SQL Server 2000, 2005, 2008, 2008R2, 2012, 2014 and 2016 databases in both Physical and Virtual environments.
* Expert in the Database architecture and Configuration, Analysis, Development, Maintenance, Tuning, Migration, Support and Administration.
* Experience in installation, configuration, administration and maintenance of SQL Server 2014, 2016 and 2017 Instance on Windows server 2012R2 and Windows Server 2019 &2022 Operating System.
* Identifying database dependency with application, cross database query, Linked server, DDL, DML stored procedure dependency, Linked Queries of Databases and supporting Applications team.
* Supporting project managers in building, performing, updating, systems engineering and managing technical projects including resource loading and Work breakdown structure (WBS) agile task planning, development & implementation.
* Involved in Analyzing, designing, building, testing of OLAP cubes with SSAS 2005 and in adding calculations using MDX.
* Maintaining the SQL servers in the AWS cloud Platform
* Identifying SSIS job dependency with databases & Applications, SSIS job connection strings & Migrating SSIS Packages to Azure Data Factory.
* Created, deployed and managed reports using SQL Server Reporting Services (SSRS).
* Architect and design Data Archive policy for historical data in Data Warehouse (OLAP).
* Expert level Knowledge of different types of distribution, Indexes and Partition.
* Rebuilding and optimizing Performance with Various Indexing mechanism
* Knowledge of Various Azure Monitoring tools and Best practices for maintaining performance
* Monitor performance and setup alerts to avoid performance issues occurring on Azure databases.
* Installed Cumulative Updates and service packs for various versions of SQL Servers.
* Extensive Knowledge in SSAS storage and partitions, and Aggregations, calculation of queries with MDX, Data Mining Models, developing reports using MDX and SQL.
* Configured and deployed SSIS Packages and SSRS in Test and Production Environments.
* Migrating the end to end environment includes Windows server, SQL databases and applications hosted on that database from on premise to cloud (AWS. Confidential cloud) and Cloud to on premise.
* Upgraded SQL Server 2000 and 2005 databases to higher versions 2008, 2008 R2, 2012, 2014 and 2016.
* Performed SQL Server database consolidations, upgrades, downgrades and migrations.
* Hands on experience with SQL Server and T-SQL in constructing triggers, tables, user functions, views, indexes, user profiles, relational database models, data dictionaries, and data integrity.
* Experience in Data transfer and Transformation using tools like DTS/SSIS, BCP, and Bulk Insert.
* Created, deployed and managed reports using SQL Server Reporting Services(SSRS).
* Experience in creating configuration files to deploy the SSIS packages across all environments.
* Strong experience in database Backup, Restore and Recovery procedures.
* Implemented proper backup and recovery strategies for minimizing data loss.
* Hands on experience and knowledge of high availability SQL Server solutions, including Replication, SQL Server Clustering, Log Shipping & Database Mirroring.
* Configured cluster and installed SQL server on cluster environment and applied patches accordingly.
* Used Performance Monitor/Profiler to resolve Dead Locks/Long running queries.
* Experienced in Supporting Very Large Databases & Troubleshooting the problems.
* Implemented lock pages in memory for the proper utilization of RAM by SQL Server.
* Implemented transparent data encryption mechanism for sensitive databases.
* Running sequential scripts/queries against using batch files.
* Supported 80 plus Dev, test, stage and prod database instances single handedly.
* Configured Always On for balancing load and troubleshoot the issues immediately.
* Documented SQL server Configurations.
* Properly maintained databases, keeping statistics up to date and properly maintained the indexes by using maintenance plans.
* Did capacity planning and sized the databases accordingly.
* Configured notification for all the SQL Server monitoring activities and automated DBA tasks using SQL Server Agent.
* Co-ordinate with business team and BAs on various administrative and development activities.
* Performed Multi File Imports, Package configuration, Debugging Tasks and Scripts in SSIS Scheduling package execution in SSIS
* Experience in Creating linked servers between SQL Servers and Oracle Servers
* Ability to work in team environment with excellent communication, presentation, leadership, analytical, qualitative and interpersonal skills.
* Provided 24x7 on-call support and involved in on-call rotation.

**SQL DBA Jan 2022 to Dec 2022**

**PNC Bank   Houston, Texas**

**Responsibilities:**

* Installed stand-alone and clustered SQL Server 2012 and SQL Server 2008R2 on 64-bit systems.
* Migrated SQL Server 2005 databases to SQL Server 2008R2 and SQL Server 2012 databases.
* Performed in-place upgrade from SQL Server 2005 to SQL Server 2008R2.
* Managed and administrated SQL Server 2012/2008R2 on production and non-production servers.
* Responsible for Auditing/reviewing installations.
* Created SSIS Packages to export and import data from CSV files, Text files and Excel Spreadsheets.
* Monitoring and Managing use of disk space and connections and analyzing and troubleshooting the SQL Server processes and jobs.
* Database and Transaction log backups & restoration, backup strategies, scheduling the backups. Backing up system & user databases and restoring them whenever necessary.
* Took the responsibility of monitoring existing snapshot and transactional replications.
* Trouble shooting various SQL server 2012/2008/2005/2000 Database connectivity issues from the web applications.
* Creating logins and roles with the appropriate permissions.
* Performed analysis for setting up a comprehensive Backup and Recovery strategy for SQL Servers.
* Performed day-to-day activities including full, differential and log backups (scheduled backup jobs).
* Implemented Partitioning on large tables to improve the performance.
* Created Logins, Users and Proxy accounts with appropriate permissions and performed security management.
* Migrating SQL Servers and databases from On-premise to AWS and also from one region to another region in AWS
* Monitored SQL Servers and databases including CPU, memory, I/O, space, and dead lock issues using SQL Server Utilities.
* Analyzed missing indexes on tables by using DMVs and Index-Optimizer.
* Resolved Deadlocks by using DMVs, and Activity Monitor to improve the performance.
* Developed and created the database objects including tables, Indexes, constraints, views, indexes, functions, and stored procedures using TSQL.
* Modified Stored Procedures and complex T-SQL queries to improve query performance.
* Participated in Optimizing, Tuning, and identifying long running queries using DMVs, Extended events, and alert notifications.
* Created maintenance jobs to update statistics, database integrity checks, Index Rebuild, and reorganize.
* Experience in Database design, Performance Analysis, Production Support for VLDB and Complex Databases.
* Extensively used the native tools SQL Server Profiler, Activity Monitor, Index Tuning Wizard, Database Tuning Advisor and Event Viewer for performance analysis.
* Identified unused indexes and created a script to identify the same at regular intervals.
* Checked the efficiency and inefficiency of indexes by checking the density vectors and histograms of indexes using DBCC Show statistics.
* Set up a fill factor based on the Index structure and fragmentation levels.
* Troubleshoot TEMPDB contention problems by creating multiple Temp DB files on a local drive, instead of a SAN disk. This has been proved to be a major step to improve performance.
* Performed Full, Differential and Transactional log Backups to meet company’s RTO and RPO policies.
* Monitored Databases for Lock Escalation, Deadlock, resource utilization by sessions, and long running SQL queries.
* Reviewing the error logs and troubleshooting the errors.
* Perform database refreshes for development as needed and automated them to facilitate development.
* Regular checkup of automated daily, weekly, and monthly maintenance tasks such as backups, update statistics, consistency checks and rebuild indexing.
* 24X7 on call support for production environment.

**SQL Server DBA/Developer Feb 2019 to Dec 2021**

**ASAP Semiconductor LLC Irvine, CA**

**Responsibilities:**

* Installation, configuration & migration of SQL Server2008R2/2012/2014Enterprise Edition in Production & other lower environments.
* Implemented proper security policies to secure SQL Servers by changing the SQL Server default port numbers and Creating Windows groups and assigning permissions to it.
* Created Logins, Users and assign permissions to the users based on their work.
* Regular checkup of automated daily, weekly, and monthly maintenance tasks such as backups, update statistics, consistency checks and rebuild indexing.
* Implementation of SQL Server 2012 Always on High Availability on Windows Server 2012.
* Involved in Data modeling, designing, and building relational databases.
* Monitoring and Performance tuning, Physical Server Level, Database level (Database settings and options) and query tuning.
* Did capacity planning and Sizing the databases for production servers.
* Used Performance Monitor and SQL Profiler to optimize queries and enhance the performance of database servers.
* Configuring Database Mail Service in MSSQL 2005/2008/2012 for SQL Agent Job Notifications.
* Creating and managing schema objects such as Tables, Views, Indexes, Functions, Stored Procedures.
* Worked on high availability solutions, including Log shipping, and Mirroring.
* Configured Snapshot and Transaction Replication.
* Assisted and closely worked with Architect team in setting up code standards, performing code reviews, evaluating additional resources to the existing/New applications.
* Used various SQL inbuilt tools like SQL Profiler/Perfmon/Execution plans/Reports/DMVs to track issues, identify bottlenecks and implementing solutions.
* Worked extensively on Performance tuning, Code tuning, Query optimization, identifying hardware bottlenecks and allocating required resources etc.
* Worked closely with software development team, change control team, Development/QA/UAT teams ensuring the full integration and smooth functioning of the database portion of the environment.
* Implemented Database Partitioning on Analytical systems for better performance.
* Worked with other DBAs to install strong proactive monitoring jobs to monitor the environments and generate the reports on daily basis.
* Scheduled maintenance tasks like Index/Statistics Maintenance, Backups/Restores, DB integrity checks, Tracing long running/deadlock queries, Capacity planning, Monitoring Temp db, Cleanup tasks, Disaster recovery solution maintenance etc.
* Identifying System bottlenecks like CPU, I/O, Memory and Network bottlenecks and fixing it.
* Involved in designing, developing and deploying reports in MS SQL Server environment using SSIS and SSRS in BIDS.
* Used SSIS to develop jobs for extracting, cleaning, transforming and loading data into data warehouse.
* Designed SSIS packages to transfer data from flat files to SQL Server using BIDS.
* Created reports using reporting services for Performance tuning and troubleshooting.
* Used SSIS transformations such as Lookup, Derived column, Data conversion, Aggregate, Script task and Send Mail task.
* Production database support (24\*7\*365) on all versions.

**SQL Server Developer /DBA Nov 2015 to Oct 2018**

**Augusta Solutions India**

**Responsibilities:**

* Administering SQL Server 2000/2005/2008/2008R2/2012 databases of production and non-production environments.
* Migrated Databases from 2000/2005 to 2008R2/2012 using side by side migration.
* Recovered the User databases from suspect mode successfully without data loss.
* Monitored and tuned databases to meet the performance and availability requirements of on-line systems and multiple applications.
* Created alerts, notifications, and emails for system errors, insufficient resources, fatal database errors, hardware errors, and security breach.
* Daily routine DBA tasks like handling user's permissions and space issues on Production and Semi-Production Servers and handling maintenance Jobs.
* Setting up maintenance plans to keep indexes and statistics up to date.
* Created SSIS packages for loading data into warehouse.
* Performed operations like Data reconciliation, validation and error handling after extracting data into SQL Server.
* Implemented proper security policy on production servers.
* Daily checking the tickets assigned and resolve the tickets depends on the Priority levels within the SLA.
* Worked in database migration from on-prem to azure cloud using azure database migration service/lift and shift, database export and database assistance.
* Experienced in managing VMware and installing a guest operating system.
* Installing VMware, registering VMs and VMs Template and managing VMs snapshot.
* Created and managed azure subscriptions, SQL virtual machine, azure SQL instance and storage account.
* Creating and managing azure BLOB storage to store different unstructured data.
* Configuring and managing always on high availability in both on-prem and azure environments.
* Monitoring replication topology using replication monitor.
* Ensured availability and performance of databases and server by providing technical support and maintenance.
* Worked with Microsoft Azure in various areas, which include creating, and configuring virtual machines, creating, and configuring storage accounts, migrating servers and databases to Azure (IaaS).
* Experience in Migrating on Premises SQL Databases to SQL Azure using DMA &DMS (Offline & Online).
* Configured Virtual machines using Azure portal and configured alerts.
* Reviewing the Activity logs and troubleshooting the errors.
* Created logins, users and assigning the permissions to the users in Azure.
* Configured Active Geo Replication, Failover Groups using Azure portal.
* Configured alerts using the Operations Management Suite (OMS) in Azure portal.
* Identified unused indexes and created a script to identify the same at regular intervals.
* Checked the efficiency and inefficiency of indexes by checking the density vectors and histograms of indexes using DBCC Show statistics.
* Set up a fill factor based on the Index structure and fragmentation levels.
* Troubleshoot TEMPDB contention problems by creating multiple Temp DB files on a local drive, instead of a SAN disk. This has been proved to be a major step to improve performance.
* Performed Full, Differential and Transactional log Backups to meet company’s RTO and RPO policies.
* Monitored Databases for Lock Escalation, Deadlock, resource utilization by sessions, and long running SQL queries.
* Perform database refreshes for development as needed and automated them to facilitate development.
* Regular checkup of automated daily, weekly, and monthly maintenance tasks such as backups, update statistics, consistency checks and rebuild indexing.
* 24X7 on call support for production environment.

**Software Engineer Sep 2014 to Oct 2015**

**Standalone IT Solutions India**

**Responsibilities:**

* Interaction with various stake holders starting from Business, Solution Delivery to gather business requirements for development.
* Responsible for developing ETL (Extract, transform, and load) and BI (Business Intelligence) applications using SSIS as per Business Rules and features of the tool to have one of the largest data warehouses on Microsoft platform**.**
* Understanding and analyzing the requirements from the Users and designing the packages to load the data.
* Development of mappings according to the ETL specifications for the warehouse data load using Integration Services & SQL Server 2005.
* Used transformations like Derive Column, Conditional Split, Aggregate, Row Count, Lookup, sort, Data Conversion and Multicast Transformations to load data into Data Warehouse.
* Implemented Packages Configuration, message Logging and Auditing.
* Created Stored Procedures and used them in SQL Server Reporting Services to generate reports.
* Successfully extracted Data from Excel, Flat file, to MS SQL Server by using SSIS.
* Implemented Checkpoints for packages to restart at the point of failure in SSIS.
* Applied Breakpoints to specific objects in the SSIS packages.
* Executed SSIS Package Using SQL Server Business Intelligence Development Studio (BIDS), Command Line Utility.
* Strong Knowledge on concepts of Data Modeling Star Schema/Snowflake modeling, Fact & Dimensions tables and Logical & Physical data modeling
* Experience in writing complex SQL queries using Inner, Outer and Cross Joins.
* Scheduled the Reports to run on daily and weekly basis in Report Manager.
* Expertise in writing T-SQL queries to create Views, stored procs and Indexes.
* Learned Performance Tuning, Index Tuning, Maintenance, Troubleshooting, Query Optimization, Client/Server connectivity and Database Consistency Checks using DBCC Utilities.
* Writing and tuning complex queries, and stored procedures.
* Performance Monitoring and Tuning of the database system using System Stored Procedures, Dynamic Management Views and SQL Server Profiler.
* Scheduled and maintained routine Jobs, Tasks, Alerts and Maintenance Plans.
* Experience in Performance Tuning (Server level and Query level) and trouble shooting.
* Highly motivated, committed and a natural team player with capability to work independently.
* Excellent communication skills, analytical skills, understand business requirements in various Domains.
* Arranging the KT sessions on issues faced during deployment to avoid future works stoppage.
* Providing 24x7 technical database supports for SQL Database systems.