Agarwal A

SQL Server DBA, 19+ years experience
Jabalpur, India
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With over 19 years of experience in SQL server database administration, I am a seasoned professional who can handle any database challenge, from performance tuning to migration, from backup and recovery to high availability and disaster recovery. I hold the Microsoft Azure Database Administrator Associate certification and have worked with all versions of SQL server from 6.5 to 2019, and Azure SQL. I am passionate about learning new technologies and have completed courses on ADF and Snowflake. Currently updating myself with Python. My goal is to leverage my expertise and knowledge to help organizations achieve their business objectives and deliver value to their customers.

INDUSTRIES: Automobile, Infrastructure management

TECHNICAL SKILLS

• SQL Server	19 years & 3 months
• Backup and Recovery	19 years
• Installation and Configuration	19 years
• query tuning	17 years
• Index maintenance	16 years

SOFT SKILLS

Articulate, Critical thinking, Problem-solving

PROJECT DETAILS

• SSIS Migration — September-2022 - October-2022

Project Description: Migrate over 200 SSIS packages from SQL2012 to 2019
Responsibilities: changing all connection strings to new server. Creating jobs on new servers
Technologies: SSIS
Industry: Automobile

• SQL DBA August-2021 - December-2021

Project Description: SQL Server Database Administration Support to development.

Responsibilities: • Proactively managed server performance on a daily basis, consistently monitoring and addressing any performance issues to ensure the seamless operation and optimal performance of all servers in the environment • Diligently monitoring and promptly resolving all server alerts generated by Redgate SQL Monitor, ensuring the continued health and stability of the SQL server infrastructure. • Maintaining a vigilant approach to server maintenance, ensuring all servers are consistently patched and kept up to date to mitigate security risks and enhance system reliability. • Collaborating closely with the development team to optimize long-running queries, providing valuable insights and recommendations for index creation to enhance overall database performance. • Responsible for implementing and meticulously monitoring essential database maintenance tasks, including reindexing and DBCC checks, to uphold database health and performance standards. • Adhered to the established Change Request process for the seamless implementation of new database changes, ensuring a systematic and controlled approach to modifications while minimizing risks. • Planning and executing database deployments, orchestrating seamless transitions to new configurations or updates, and ensuring minimal disruption to operations. • Executing database migrations from production to development environments, facilitating the availability of current data for testing and development purposes.

Technologies: SQL Server

Industry: Infrastructure management

EMPLOYMENT HISTORY

• SQL Server DBA

Description: • Providing support to both production and development databases, with a focus on ensuring optimal performance and reliability. Particularly, managed and maintained databases powering a high-traffic online e-commerce website, guaranteeing seamless user experiences and uninterrupted business operations. • Addressing and resolving performance challenges, including high CPU, memory, and disk I/O issues, leveraging SolarWinds Database Performance Assistant in tandem with native SQL Dynamic Management Views (DMVs). This proactive approach ensured the continued optimal operation of critical systems. • Collaborating closely with the development team to fine-tune and optimize sluggish queries, enhancing application performance and user satisfaction while streamlining database operations. • Conducting routine data transfers from production to development/user acceptance testing (Dev/UAT) databases as part of the ongoing maintenance process, ensuring the availability of up-to-date data for testing and development activities. • Setting up auditing for any login and user-related changes. • Participating in peer reviews of stored procedures and queries authored by developers, ensuring code quality, adherence to best practices, and the overall optimization of database operations. • Engaged in Database Change Control meetings, playing a key role in assessing and validating that all proposed database changes met stringent performance criteria and complied with established standards using Azure DevOps for CI/CD. • Maintaining a rigorous patch management regimen, regularly updating all servers within the infrastructure to bolster security, optimize performance, and safeguard against vulnerabilities. • Working on the migration of the database from On-Premises to Azure Managed Instance.

• database consultant June-2005 - November-2016

CSC India Pvt. Ltd.

Description: • Ensured smooth migration of servers from one data center to another. • Performed in-place upgrades for all cloud v-center databases from 2008 r2 to 2012. • Developed VB scripts for unattended install of SQL server 2008 R2 and SQL 2012, leading to a reduction in deployment time from 2 hours to 30 minutes. • Developed VB scripts for automating the post-install QA process, reducing time to 10 minutes from 1 hour. • Developed integrated re-index and updated statistics script, thereby reducing the number of tickets due to blocking by 10%. • Updated backup scripts to use compression and backup to multiple files thereby reducing overall backup times by 30%. • Collaborated on the slipstreaming process for SQL Server 2008 and SQL Server 2012 installations, optimizing deployment efficiency. • Strategically planned and executed a successful migration initiative, transitioning client databases to the latest version of SQL Server for improved performance and enhanced features • Revamped internal monitoring stored procedures, transitioning them to utilize Dynamic Management Views (DMVs) in lieu of system tables, enhancing the system monitoring capabilities of the team. • Engineered an efficient stored procedure, capable of accepting backup filenames and database names as input parameters, with the added functionality of terminating user connections to the database and executing seamless database restoration. This solution sped up the process of migration of databases between servers. • Expanded the Offshore DBA team to a robust unit of 8 members through comprehensive recruitment, onboarding, training, and mentorship of all new additions, fostering a dynamic and skilled workforce.

EDUCATION

• Bachelors degree in Engineeting from Pune 1989 - 1993

LANGUAGES

• English - advanced

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