

VigiLanz®

Title: Senior Database Administrator

Department: Internal IT

Description and Purpose of Job:

Join a rapidly growing healthcare software company providing real-time, clinical decision-support software to some of the most prestigious hospitals in the country. The Sr. Database Administrator is responsible for design, performance, access and maintenance of high change rate relational and data warehouse SQL instances in a VMware virtualized environment that support a “real-time” clinical surveillance solution. Reporting to the Chief Information Security Officer, the Sr. Database Administrator will be part of the System Administration Team and work closely with internal and external stakeholders to ensure the appropriate objectives and priorities are enabled within the Internal IT department.

Major Duties and Responsibilities:

- Owning, troubleshooting, tracking and resolving database related incidents and requests
- Resolving incidents on a daily basis to ensure performance related issues are identified and resolved, responding to database related alerts and escalations and working with developers to come up with strategic solutions to recurring problems
- Working closely with the system administration team to assure databases perform optimally in virtualized environments with the minimum necessary resource allocations required for peak performance of databases
- Managing and projecting data storage growth requirements
- Creating and maintaining clear, concise documentation of the database environment
- Possessing a service first mentality, high sense of ownership of the problems and requests assigned, and focus on managing and resolving issues, is required
- Supporting development process interaction and technical project management are integral to the position

Other Qualifications:

- Proficient knowledge of in SQL Server (2008, 2012, 2014, 2016 to current versions)
- Expert skill in managing and executing complex projects including migrations and upgrades
- A thorough understanding of SQL replication and merge replication processes
- Deep understanding of ETL processes and database partitioning
- Knowledge of virtualization technologies, VMware ESXi, Vcenter, data stores and basic networking
- Strong management skills including written and verbal communication

- The ability to communicate complex issues and ideas in understandable terms
- Excellent attention to detail and ability to own issues/projects and see them through to their resolution
- Expert knowledge in troubleshooting and resolving database integrity issues, performance issues, blocking and deadlocking issues, replication issues, log shipping issues, connectivity issues, security issues, use auditing etc.
- Strong knowledge in Performance Tuning, Query Optimization, using Performance Monitor, SQL Profiler and other related monitoring and troubleshooting tools.
- Ability to detect and troubleshoot SQL Server related CPU, Memory Pressure, I/O, disk space and other resource contention
- Mastery of backups, restores, recovery models, database shrink operations, DBCC commands, Clustering, Database mirroring and Availability Groups
- Expert experience in implementing operational automation
- Strong knowledge of how indexes, index management, integrity checks, configuration, patching. How statistics work, how indexes are stored, how they can be created and managed effectively
- Knowledge of SQL Server tools (Profiler, DTA, SSMS, SAC, SSCM, PerfMon, DMVs, system stored procedures)
- Advanced SQL Development skills – ability to write and troubleshoot SQL Code and design (stored procedures, functions, tables, views, triggers, indexes, constraints)
- Solid acquaintance with windows server, security delegation, SPNs, storage components.
- Documentation skills for processes and procedures (creating KBs, run books, topology etc.)
- Ability to own on-call and off hours responsibilities
- Driven to reduce potential issues and outages by taking a proactive approach to database environments
- Solid acquaintance in a scripting language like PowerShell
- Expert skill in training other DBAs and the support staff on SQL server theory and troubleshooting
- Team oriented; driven to communicate and work with all the teams; willing to assist with issues and projects; willing to play a leadership role if needed

Education/Experience Requirements:

7 plus years of experience in Database Administration
Degree in Computer Science desired