

## Senior Database Administrator

The Senior Database Administrator will be responsible for maintaining database systems (internal/external), mentoring junior DBAs on database administration best practices and developing the Database Administration Function.

### Areas of Expertise, Skills and Abilities

- Create and manage multiple databases and assist in capacity planning.
- Monitor, maintain database systems and troubleshoot problems that may arise.
- Implement, review and maintain data integrity and security (manage roles and permissions of database users).
- Use tools (like SQL Profiler) for database tuning. Generate traces, execution plans, identify performance issues, deadlocks/contention and resolve them.
- Develop strategies and implement solutions for managing back-ups, restoration and replication.
- Create appropriate indexes and query needs and manage constraints.
- Support software developers with database operations including the development of complex SQL, tuning of DML and the creation of stored procedures and/or triggers.
- Proactive housekeeping/archiving and shrinking of databases.
- Manage production, QA and development database environments.
- Create detailed documentation including diagrams of database infrastructure, data dictionaries and ER models.
- Learn relevant business processes and understand the data flow, criticality and dependencies.
- Effectively coordinate and communicate with all the stakeholders (internal teams and clients).
- Set up and maintain database infrastructure for the company's BI needs.
- Develop and write technical documentation.
- Evaluate and test emerging technologies.
- Provide mentorship and guidance for application support and junior DBAs.

### Experience/Education

- Bachelors or Master's degree in computer science or equivalent education and experience.
- At least 7+ years of experience in administering Microsoft SQL server databases (SQL Server 2008/2012/2014).
- Extensive experience writing T-SQL, stored procedures and query tuning on high-transaction systems.
- Experienced in SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS) and SQL Server Analysis Services (SSAS).
- Experienced in ETL (Extract-Transform-Load) development/data integration.
- Sound knowledge of RDBMS concepts, database architecture and SQL/T-SQL.

- Proficient with tools for monitoring and troubleshooting database activity and performance.
- Experience in SQL Server Clustering and HA technologies including mirroring, log shipping, failover cluster and various replication technologies would be an advantage.
- Knowledge of other databases like Oracle, MySQL, No SQL databases and In-memory databases.
- Certification (e.g. MCSE, ICCP, Oracle Administrator Certified Associate/Professional, etc.) will be an advantage.
- Ability to develop procedure documents and maintain detailed database related documents.
- Innovative approach to work, constantly looking for upgrading the system to more efficient and effective new technologies.
- Experience with shell programming and automation (e.g. PowerShell, Bourne/BASH/Korn, etc.) is an asset.
- Proficient with Windows and Linux environments.
- Experience in managing both custom and packaged application/database solutions.
- Experience in working with application and DBMS vendors.
- Experience with developing a Database Administration function and leading others will be an advantage.

#### **Knowledge Areas/Attributes**

- Self-motivated
- Effective time management, decision making and organization skills
- Ability to manage deadlines and work under pressure
- Ability to deal effectively with coworkers and professional staff
- Must be able to interpret business requirements and translate them to technical terms
- Must have an ability to work independently and collaboratively in teams
- Must have strong interpersonal and communication skills
- Must have a strong service ethic

#### **Working Conditions**

- Periodic stress related to workload
- Normal office conditions
- May be required to work from home
- May be required to work from the client's premises
- Traveling between different office locations within/outside city/province/country
- Overtime may be required

#### **Duty Statement**

- Be professional in dealings with company's staff and clients
- Maintain updated to date knowledge on new technologies and methodologies
- Maintain all documentation related to tasks in a timely and accurate matter
- Maintain a high level of confidentiality