

BFCHRJ - 147 – Senior Software Developer - SQL| Software Development | Bahrain

About the role:

The job holder is primarily responsible to design, develop, enhance, manage, and optimize the database and the various tiers of the money-services-business applications developed by the organization, while ensuring reliable, secure, and efficient software products.

He/she should excel in SQL query and stored procedure optimization, must possess expertise in database design and data modeling, and bring proficiency in PostgreSQL and MSSQL Server.

Your Responsibilities:

- Review and optimize SQL queries and stored procedures for performance and efficiency.
- Identify and implement best practices to enhance database performance.
- Analyze existing data structures and propose improvements to enhance overall database performance.
- Work closely with development teams to understand data access patterns and recommend optimal solutions.
- Contribute to design and implementation of efficient and scalable database structures.
- Utilize best practices in data modeling to ensure the integrity and efficiency of our databases.
- Manage and maintain both PostgreSQL and MSSQL databases.
- Conduct performance tuning activities to improve database responsiveness.
- Develop and maintain web APIs using .NET 5 or higher to facilitate seamless data interaction.
- Ensure robustness and efficiency in API design and implementation.
- Demonstrate proficiency in C# programming language for database-related tasks and API development.
- Develop and maintain SQL Server Reporting Services (SSRS) reports to meet business reporting needs.
- Create, modify, and troubleshoot SQL Server Integration Services (SSIS) packages for efficient data ETL processes.
- Plan and execute data migration projects between various database systems.
- Ensure seamless and accurate data transfer while minimizing downtime.
- Demonstrate a strong understanding of emerging technologies to support the development of new solutions.
- Conduct peer code reviews for the software changes made by other engineers on the team.
- Understand the full technology stack and underlying applications, services, and databases to ensure optimal performance.

About You

- Bachelor's degree in Computer Science, Computer Engineering, Information Technology, or a related field.
- Certification in PostgreSQL or MSSQL Server is advantageous.
- Minimum 7 years of overall software development experience in implementing web-based applications in .NET Core 2 or higher and minimum 5 years' experience as a Database Programmer/similar role.
- In-depth knowledge of SQL query optimization and stored procedure optimization.
- Proficiency in PostgreSQL, MSSQL Server databases and C# programming language.

- Expertise in database design and data modeling principles.
- Knowledge of design patterns for creating scalable and maintainable solutions.
- Experience with SSRS reports, SSIS packages, and data migration.
- Strong analytical and problem-solving skills.
- Excellent communication and collaboration abilities.
- Detail-oriented with a commitment to data accuracy and integrity.
- Experience with building Web APIs using REST.
- Proficient working knowledge of code versioning tools such as Git.
- Strong knowledge of object-oriented concepts.
- Proven ability to manage priorities and timelines and provide project estimates and work-breakdown schedules.
- 24/7 on-call responsibilities for production-related issues.