



Senior Data Developer (SQL Server)

OtisEd is looking for a highly-skilled and self-motivated Senior Data Developer with expertise in T-SQL, a high level of data awareness, creative problem-solving abilities, and strong communication and consulting skills to join our development team. This individual will play a key role in designing, developing, and optimizing data solutions for our clients. This position requires a deep understanding of database architecture, and the ability to collaborate effectively with clients in the education sector to address their unique data challenges.

OtisEd's benefits package is a reflection of our commitment to putting our people first. Our benefits include generous paid vacation time; competitive medical, dental, vision, and life insurance; and a SIMPLE IRA with a 3% company match, among others. This position is fully remote, with occasional travel. Candidates must be located in the U.S.

Who we are:

Otis Educational Systems, Inc. (OtisEd) is a team of developers, programmers, analysts, and project managers striving to have an impact in the field of education. We specialize in data management frameworks for supporting state and federal reporting of student information. This includes SLDS data warehouses, EdFacts reporting, Accountability Report Cards and a variety of assessment based research, analysis initiatives and required compliance reporting. We value strong relationships, thoughtful and creative approaches and solutions, doing excellent work for our clients, and building data systems and products that truly meet the needs of our users.

What the job entails:

- **Database design and development:**
 - Design, implement, and maintain robust and scalable database solutions using SQL Server.
 - Develop complex queries, stored procedures, and functions to support data processing and retrieval.
- **Cloud technology integration:**
 - Migrate on-premises databases to cloud environments, ensuring optional functionality and resource utilization.
 - Utilize cloud technologies (Azure) to design and implement data solutions that are scalable, secure, and performance-oriented.
- **Data modeling and optimization:**

- Work on data modeling and schema design to ensure efficient storage and retrieval of data.
- Optimize database performance through indexing, query optimization, and other performance-tuning techniques.
- **Client collaboration:**
 - Act as a primary point of contact for clients, understanding their business requirements, and translating them into effective data solutions.
 - Collaborate with clients to define project scope, goals, and deliverables, ensuring alignment with their strategic objectives.
- **Consulting and advisory:**
 - Provide expert guidance to clients on best practices, emerging trends, and technologies related to data management and analytics
 - Advise clients on data governance, security, and compliance issues.
 - Collaborate with cross-functional teams to ensure the successful delivery of projects.

Who the right candidate is:

- Bachelor's degree in Computer Science, Information Technology, or related field
- At least five years of experience working with SQL Server, including database analysis, design, and optimization.
- Experience successfully implementing data solutions on local or cloud platforms (preferably Microsoft Azure).
- Strong communication and consulting skills. You are able to communicate technical code and concepts to non-technical stakeholders and clients.
- Detail oriented and thorough. You are able to provide excellent code documentation.
- Excellent problem-solving skills and a proactive mindset.
- Self-motivated with the ability to work independently and manage multiple priorities effectively.
- Expertise in multiple programming languages, such as JavaScript, SQL and C#
- Preferred:
 - Certification in SQL Server or relevant experience
 - Familiarity with data warehousing concepts and tools
 - Expertise in dimensional data modeling concepts
 - Knowledge of data integration tools and ETL processes
- Nice to Have:
 - Familiarity with education data models or other standards-based data models for healthcare, supply chains or ERP Systems.
 - Experience with Snowflake and/or Azure OneLake.
 - Experience with Azure cloud data technologies (Azure Data Factory, MS Fabric)

To apply: Please send your resume to careers@otised.com with the subject line "Senior Data Developer Application."