



Technical Lead Data (TGQF)

Montreal - Full-time - 744000137972619

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What you'll do

The primary and recurring responsibilities of the Lead Data Technical include :

- Collaborate with architects and contribute to the design of new data products and services by proposing robust, scalable solutions aligned with organizational needs.
- Participate in the implementation of the target data architecture and drive its adoption across teams.
- Serve as the subject matter expert for all topics related to data, data architectures, and data processing pipelines.
- Provide technical leadership and expertise across all Quality Foundations products regarding data storage, modeling, governance, and processing.
- Define, maintain, and promote data standards and best practices within QF, ensuring their consistent application across teams.
- Propose, review, and validate technical and architectural decisions through Architecture Decision Records (ADRs), and ensure adoption of approved decisions.
- Actively contribute to the development and delivery of initiatives involving the highest levels of complexity or risk.
- Advise architects, project managers, and leaders on technology directions and opportunities to improve data platforms.
- Analyze and optimize the performance, cost efficiency, reliability, and scalability of data systems.
- Act as a subject matter expert in relational and non-relational database optimization.
- Collaborate with development, analytics, artificial intelligence, and operations teams to ensure seamless integration of data solutions.
- Ensure the technical quality of data pipelines and promote best practices in monitoring, alerting, and operations.
- Foster knowledge sharing, mentorship, and the development of technical autonomy within data development teams.
- Participate in the technical evaluation of new technologies, platforms, and data-related approaches.
- Perform any other related duties as required.

What you'll bring to the team

Education :

- Bachelor's degree in Computer Science, Computer Engineering, Software Engineering, or an

equivalent field of study.

Relevant Experience :

- Minimum of 8 years of experience in software development or data engineering.
- Significant experience designing and implementing large-scale data platforms.
- Experience in technical leadership, team coaching, or mentorship.
- Experience with distributed architectures and large-scale data processing systems.

Skills and Knowledge :

Technical Expertise

- Strong expertise in large-scale data solution development and SQL/NoSQL data modeling.
- Strong proficiency in one or more of the following languages: **Python, PySpark, SQL, and Scala**.
- Solid understanding of modern data architectures, data processing pipelines, and analytics platforms, including **Medallion architectures (Bronze/Silver/Gold)** and **Lakehouse platforms (Databricks, Delta Lake)**.
- Experience designing configurable and environment-agnostic solutions (development, staging, production), including pipeline-as-code and configuration management practices.
- Ability to design scalable, high-performance, and maintainable solutions.
- Experience documenting architectural and technical decisions.

Technical Assets

- Knowledge of cloud services (**AWS, Azure, or equivalent**) as well as **Docker** and **Kubernetes** technologies.
- Knowledge of data orchestration frameworks such as **Apache Airflow** or **Databricks Workflows**.
- Knowledge of real-time data streaming technologies (**Spark Structured Streaming** or equivalent).
- Knowledge of **Databricks, Apache Spark (batch and streaming), Delta Lake, Elasticsearch/OpenSearch, SQL Server, and PostgreSQL**.
- Knowledge of large-scale data platform administration and both relational and non-relational databases.
- Knowledge of monitoring, logging, and alerting systems for data pipelines.
- Understanding of machine learning and artificial intelligence concepts.
- Experience working in high-volume, real-time critical systems environments (telemetry, observability, monitoring) is considered a significant asset.

Professional Competencies

- Excellent analytical and problem-solving skills.
- Strong ability to solve complex technical challenges.
- Aptitude for mentoring and fostering technical autonomy within teams.
- Strong appreciation for configuration-driven approaches, including parameterized systems, declarative pipelines, and reproducible deployments (Infrastructure as Code).
- Excellent communication skills and ability to explain complex technical concepts to diverse

audiences.

- Influential leadership and the ability to drive adoption of best practices across teams.
- Ability to work effectively in a multidisciplinary environment.
- Strong initiative and autonomy.
- Results-oriented mindset with a focus on continuous improvement.
- Ability to manage multiple priorities simultaneously and make sound prioritization decisions.

About Us

Ubisoft's teams consist of 20,000 people spread across more than 30 countries around the world, all united by a common mission: to enrich the lives of gamers through original and memorable gaming experiences. Their energy and talent have brought to life numerous acclaimed franchises such as Assassin's Creed, Far Cry, Watch Dogs, Just Dance, Rainbow Six, and many more to come.

Ubisoft is a company committed to equal opportunity and believes that diversity of backgrounds and perspectives is essential to creating worlds where everyone can thrive and express themselves.

Working at Ubi MTL means enjoying a workplace that sparks creativity and fosters connection. We offer a collaborative environment focused on professional growth, learning opportunities, and well-being (as evidenced by our generous benefits package!).

If you're excited about taking on thrilling challenges, leveraging the latest technologies, and shaping the future of entertainment, join us in creating the unknown.

At Ubisoft, you're welcome just as you are. We embrace diversity in all its forms. We're committed to fostering an inclusive work environment that respects all differences.