Senior Manager, Engineer & Build

Requisition	R0000189038
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 11, 2026
Date in the description	September 25, 2026
Posted deadline	November 30, 2026
Last day to apply	November 29, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

Are you a practical leader in data engineering that thrives on building high-performance teams and large-scale data platforms? Join us!

Global Functions Technology (GFT) partners across RBC to deliver transformative platforms and solutions. In Anti-Money Laundering (AML), we are building a Data Foundation Hub to ingest enterprise data and power analytics and controls using a medallion architecture.

As Senior Manager, Engineering and Construction (lead), you will lead an engineering team while contributing to the design and delivery of 50% of the cloud's native, regulated and reliable data systems.

Responsibilities

- Lead, mentor and form a highly effective team; stimulate excellence in delivery, coaching, goal setting and continuous improvement.
- Design and build batch and incremental pipelines across the Bronze/Silver/Gold layers using Snowflake (Streams, Tasks, Snowpark, Snowpipe), Spark and dbt.
- Implement schema evolution, SCD/CDC, partitioning, and performance tuning.
- Architect for reliability, scalability and cost-effectiveness on cloud platforms.
- Containerize jobs/services, run on Kubernetes/OpenShift, apply IaC, and secure secrets and credentials.
- Own CI/CD for data (code review, environment promotion, data contract testing), versioned artifacts, and environment parity.
- Partner with Platform/SRE on SLIs/SLOs, incident response, and postmortems.
- Resilient engineer, observable of ingestion patterns (the lot first, with option in near real time).
- Orchestrate with Airflow (or equivalent); enforce ALS, retries, idempotency and alert.
- Establish DQ controls (profiling, constraints, dbt tests), source-to-target reconciliation, and end-to-end lineage.
- Implement purge/retention aligned to AML and regulatory requirements.

Qualifications

Requirements

- Experience depth: 10 years and more in engineering providing production pipelines and systems distributed at scale; 2–4 years and more leading engineers with proven balance of labour and leadership.

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- Snowflake Expertise: Hands-on with Streams, Tasks, Snowpark and Snowpipe; strong SQL design and warehouse; performance optimization.
- Distributed processing: Production experience with Spark (PySpark/Scala) for large-scale batch processing and optimization.
- Modeling and architecture: Solid data modeling (3NF/dimensional/data safe) and medallion architecture models (Bronze/Silver/Gold).
- Data governance controls: data quality frameworks, source-target reconciliation, line concepts and tools, purge/retention strategies.
- Orchestration and automation: Airflow (or equivalent) for DAGs, SLAs, retries, and observability; Git-based workflows and CI/CD for data (e.g., GitHub Actions/Jenkins).
- Dbt skills: Development, testing, documentation and deployment of transformations with dbt.
- Cloud-native and platform: Containers, Kubernetes/OpenShift, Infrastructure-as-Code, and secure secret management; understanding of cost/performance compromises.
- Work methods: Strong problem-solving and excellent problem-solving and communication; incident management and postmortem.
- Technological target: snowflakes, sparks, dbt, airflow, Python/Scala/Java, OpenShift/Kubernets and public cloud (e.g., AWS).

Assets

- Streaming and events: Kafka/CDC for near real-time enrichment in batch layers.
- Observation: metrics, tracing, logging practices and tools through data pipelines.
- Security and privacy: OAuth2/OIDC, data masking/tokenization, PII handling, and regulatory awareness in financial services/AML.
- Regulated Area: Experience in financial services or other highly regulated industries.
- Cloud depth: Certifications (AWS) and knowledge of services such as Glue, EMR, EKS, SageMaker.
- Stakeholder Management: Ability to influence and harmonize various technical and non-technical partners.
- Hadoop ecosystem exposure (as legacy integration), where applicable.

Pay and benefits

RBC teams aim to grow by working together, thinking ahead and giving dependable advice that helps clients and communities prosper. They support one another, develop their potential and strive for outcomes that benefit the communities they serve as well as the bank.

- A total compensation program with competitive pay, bonuses and flexible benefits, plus commissions and stock where applicable.
- Managers who coach employees and help them find opportunities to develop.
- Join a collaborative team that works at a high standard and looks for new ways to improve.
- A world-class financial services training programme
- Flexible work/life balance options
- Opportunities for progressively fulfilling greater responsibilities
- Access to a variety of job opportunities across business and geographies

Job Skills

Application Development, Application Integrations, Application Maintenance, Application Architecture, Business Ecumenism, Business Application Delivery, Information Technology Management, Programming Languages, Software Development Cycle (SDLC), System Applications

RBC accepts applications until 11:59 p.m. on the day before the posted deadline.

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Our Employment Opportunities

RBC works as One RBC and follows five shared values: putting clients first, integrity, collaboration, respect and excellence. As one of the world’s largest and most successful banks, it sees inclusion and different perspectives as important to continued growth. RBC supports staff in doing their best work, working together, innovating and developing professionally. Its policies and programs foster respect, belonging and opportunities for everyone to create value for clients and communities.

Talent community

People who join RBC’s talent community can receive new postings, career advice and recruitment event updates tailored to their interests.

RBC’s careers portal shares information about career paths and how its teams contribute to client and community well-being.

RBC is accepting applications for an existing vacancy. Qualified applicants may hear from the recruitment team for a more detailed review of their résumé.

Search for requisition R0000189038 on the RBC careers portal.

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