Lead Technical Product Owner

Requisition	R0000192957
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 18, 2026
Last day to apply	November 29, 2026
Posted deadline	November 30, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

RBC's Global Function Technology (GFT) is recruiting a lead technical product owner to join its Data & AI team. The Technical Product Owner (TPO) translates the business strategy into a well-defined, verifiable and traceable technical delivery, linking business intent to technical execution across the SDLC. You are responsible for ensuring that what is being built is consistent with what has been requested, quality is defined and verified prior to publication, and documentation remains a living and trustworthy document.

Responsibilities

- Discovery workshops with leaders of credit strategy teams, credit models, climate risk analysts and business product owners to obtain functional, non-functional and data requirements for new rules, data pipelines and deployments of ML models, assessing feasibility from the outset with architects and engineers
- Analyze and profile incoming data sets to identify sources, gaps and quality issues, and identify procurement, supply and transformation approaches as part of the compliance and information security guidelines
- Write detailed specifications of the functional requirements and system requirements (FRS/SRS) with complete acceptance criteria and non-functional requirements (data freshness, latency, flow rate, cost, safety classification)
- Define data contracts covering input and output patterns, validation rules, transformation logic, error processing, lineage and dependencies, translation of credit policy and climate disclosure language into precise data rules and specifications
- Convert specifications to INVEST size Jira stories related to the Full Confluence specification, and own the Epic Preparation Gate for no epic to enter in sprint planning without an approved specification
- Maintain end-to-end traceability from requirement to epic, story and test cases and keep specifications and documentation current through release and PIV, not only at kickoff
- Define the test strategy, data testing strategy and quality barriers before development begins, and write executable test cases mapped to acceptance criteria with a coverage matrix that exposes gaps, while engineering develops and executes tests
- Plan and facilitate User Acceptance Testing in preprod and lightweight Post-Implementation Verification (PIV) in production with business users, collecting formal sign-off and defining rollback trigger criteria for the TPM or Business PO to decide on
- Support the management of the backlog and co-author of the definition of "Made with Dev and QE", guide the team in the acceptance criteria during sprint planning and lead the pre-release exams.

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- Partner with the Technical Product Manager, Business Product Owner and Solution Architect to influence roadmap priorities, broker stakeholder trade-offs, flag and escalate gaps against acceptance criteria (sign-off rests with the Business PO or TPM), and maintain the technical debt register and ADRs; mentor Business Analysts along the way

Qualifications

Requirements

- 5+ years with big data technologies (Spark, data warehousing or lakehouse architecture), including experience as a technical product owner or system/business analyst on complex and large-scale data projects
- 3+ years eliciting and documenting business requirements and writing clear FRS/SRS documents with complete acceptance criteria
- 3 years and over to define test methods, test data strategies and quality barriers; ability to write detailed and unambiguous test cases
- Experience in defining contracts, schemas and data validation rules; strong SQL and data modeling skills, understanding the life cycle of the ML model (character engineering, model deployment) and the rule drivers or policy evaluation systems
- Strong domain understanding of Retail Credit Risk (adjudication policy, scoring and rating model concepts, Basel capital basics) and Financial Services, Agile delivery experience (Scrum or Kanban) and strong backlog refinement skills; CSPO certification or equivalent
- Ability to navigate a matrix organization, influence without direct authority and explain complex data engineering concepts to business stakeholders, practice of documentation disciplined in Confluence and Jira, with traceability tools such as Yogi requirements

Assets

- Master's degree in quantitative or technical matters
- Experience in data quality and validation tool (e.g., High Expectations), test management tools (e.g., qTest or TestRail) and PySpark or Python for data analysis
- Practical experience with Big Data platforms (such as Cloudera Data Platform), including Hive on HDFS
- Experience with retail credit bank data, climate scenario data (e.g., NGFS channels), or implementation advice, understanding of central computer technologies (CLJ, COBOL, Copybooks)

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.
- Flexible work/life balance options
- Join a collaborative team that works at a high standard and looks for new ways to improve.
- Capacity to make a difference and sustainable impact

Job Skills

Agile Delivery, Agile Method, Apache Hadoop, Backlog Refinement, Business Case Design, Business Orientation, Business Requirements, Communication, Data Requirements, Decision Making, End-to-End Testing, Long-Term Planning, People Management, Process Management, Product Development, Python (Program Language), Software Product Management, Software Quality Assurance (SQA), Structured Query Language (SQL), Test Management, Time Management, User Acceptance

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 R0000192957 on the RBC careers portal.

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