Senior Quality Engineer

Requisition	R0000192149
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 9, 2026
Last day to apply	December 30, 2026
Posted deadline	December 31, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

The Senior QE - Systems Integration is responsible for creating and executing comprehensive testing strategies and solutions across interconnected enterprise systems: APIs, Applications, managed file transfer (MFT) platforms, and job schedulers. This role ensures accurate Application functionality, API functionality and performance in a fast-paced environment while providing technical expertise and mentorship to team members. The position bridges API testing experience with development, Functional testing, architecture, and business teams to deliver robust, reliable Application and API solutions in a dynamic financial services environment. Additionally, you'll ensure seamless integration with managed file transfer (MFT) and job scheduling systems.

Responsibilities

- Develop and implement comprehensive functional testing strategies and automated testing solutions for API validation and integration across multiple terminals and platforms.
- Automate the existing application functionality to perform a regression test before production and non-production deployments.
- Develop and execute comprehensive API testing strategies and automated testing solutions for API validation and integration testing on multiple terminals and platforms.
- Design and implement automated API test frames and scripts to validate API functionality, accuracy of response, error processing and specification compliance.
- Develop and run tests that validate data streams, file transfer streams, and task execution pipelines to ensure the reliability of end-to-end workflows.
- Create and maintain test management documentation; define, track and report on quality measures.
- Participate in the review of API test script codes and provide technical advice to team members (on land and at sea).
- Collaborate with inter-functional teams to translate operational requirements into executable test scenarios and validation rules.
- Manage fault tracking workflows and coordinate resolution with development and business teams.
- Work closely with suppliers to implement test solutions.
- Recommend improvements to test processes, technology and interfaces that improve the effectiveness of test teams.
- Manage test data, multiple-environment testing and integration of CI/CD pipelines to establish continuous test cycles.

Qualifications

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Requirements

- 6 years and more practical experience in functional testing and validation in several applications.
- 6+ years of practical experience in API testing and validation in REST, SOAP and other API protocols.
- 2+ years of experience working with and testing MFT platforms and task planning platforms.
- A great skill in using AI tools and frames to generate automation tests from the application and produce self-healing test pipelines for regression tests.
- Strong control of API test tools (Postman, REST Assured, SoapUI, Insomnia, or similar frames).
- A good understanding of API specifications (OpenAPI/Swagger protocols and authentication (OAuth, JWT, MTLS, API keys).
- Experience in testing EDI/MFT platforms (Seeburger, ACES, etc.) and task planning platforms (ESP, Airflow, Stone Branch, etc.).
- Proven ability mentoring team members (onshore & offshore) and providing technical direction.
- Proficiency with Git version control, branching strategies, and strong experience testing and working in continuous delivery (CICD) environment.
- Experience in test management tools (Azure Test Plans, Jira QMetry) and quality measurement reports.

Assets

- Experience with performance and load testing tools for APIs (JMeter, LoadRunner, Gatling).
- Experience in banking products.

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.
- Ability to make a difference and have a lasting impact.
- Join a collaborative team that works at a high standard and looks for new ways to improve.
- A world-class financial services training program.

Job Skills

Application tests, decision making, detailing, group problem solving, IT quality assurance, long-term planning, predictive analysis, programming languages, software product testing, testing automation

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

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 R0000192149 on the RBC careers portal.

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