Director Lead Solution Architecture

Requisition	R0000192762
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 17, 2026
Last day to apply	November 26, 2026
Posted deadline	November 27, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

RBC Wealth Management technology group is looking for an experienced Lead Solution Architect. RBCWM technology team is undertaking multiple complex organization-wide initiatives as part our transformational agenda to deliver on our functions strategic goals and to align with RBC's technology strategy. You will partner with IT and business stakeholders to develop the end-to-end technical solution architectures for high-complexity and high-risk IT initiatives to meet sponsor needs. You will work primarily on initiatives that may span multiple projects, many applications, and third parties with complex integration requirements. Your efforts will achieve a rationalized portfolio of effective business and technology solutions cost-effective to the business. Success in this role will be measured by your ability to leverage shared services and reduce redundancy, technical debt and complexity.

Responsibilities

- Design (SA) of large-scale or complex programs, including system and application designs, software and technical architecture, in line with strategies and objectives.
- Provide expertise to the IT team (SA) and other employees on a variety of issues related to software design, system architecture and solutions technologies.
- Influence on decision-making and facilitation of teams with multiple stakeholders at all levels of the organization.
- Overseeing (SA) project outcomes, software design; ensuring that each project phase meets overall requirements.
- Translate business requirements into solutions to support the overall program, RBC security policy, WM technology strategy, focusing on architecture blueprints, capabilities models, and proven enterprise patterns.
- Helps to orient the organization towards targeted architectural states and improve the maturity of the practice of architecture.
- Develop continuous knowledge of current and emerging technologies.
- Participate in the day-to-day execution of the architecture strategy.
- Develop plans and conduct design reviews to ensure architectural compliance of solutions.
- Maintain a plan to close the gaps between current architectures and target state architectures.
- Facilitate collaboration within the organization and support lead architects and lead architects.
- Work across several projects and systems to develop, communicate and mentor others on the design, implementation and operating methods of solutions and best practices.

Qualifications

Requirements

- Degree in computer science, engineering, mathematics or an equivalent field of analysis.
- Experience in the development, design and architecture of information technology.

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- Experience in developing architectures on large projects and proven results with a broad program, from initiation to implementation.
- Advanced knowledge of Web/Mobile application architecture models, security models, including OAuth, SSO, SAML, etc., service integrations and service development architectures.
- Advanced knowledge of various architectural/design techniques (e.g. SOA/Microservices, REST/SOAP, Cloud Native applications, Event-Driven Architecture, Orchestration/Chorography, Data Pipelines), modern and old technology platforms (e.g. Kafka, MQ, Openshift, RBDMS, GraphQL, NoSQL, Snowflake, etc.).
- A solid experience in designing resilient business applications using On Lises and Cloud Computing platforms.
- Demonstrated ability to communicate in writing and in oral and sound presentation; Ability to communicate and discuss complex topics with technical and non-technical audiences.

Assets

- Strong knowledge of financial applications along with host-based systems
- Experience in customer-oriented customer application modernization.
- Familiarity with the life cycle of machine learning
- Experience in building and deploying solutions for cloud public infrastructure (AWS, Azure, Google Cloud, etc.)
- Good awareness and experience of public and private cloud platforms would be added value.
- Advanced digital platform skills, by modernizing existing platforms with all architecture options, would be an asset.

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.

- Leaders who support your development through coaching and opportunity management
- Ability to make a difference and have a lasting impact.
- Work in a dynamic, collaborative, progressive and efficient team.
- A world-class training program.
- Flexible work-life balance options
- Opportunities to do difficult work.

Job Skills

Applications Architecture, Architectural Modeling, Creativity, Critical Thought, Enterprise IT Architecture, Information Technology Consulting, Multi-level Communication, Software Product Design, Systems Applications, Transitional Architecture

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 R0000192762 on the RBC careers portal.

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