API Platform Architect

Requisition	R0000191947
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 12, 2026
Last day to apply	December 3, 2026
Posted deadline	December 4, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

We are looking for a Platform Architect API for its own standardization and corporate governance strategy/governance API for the main API gateways of CNB, Apigee and MuleSoft.

This role combines in-depth technical expertise with strategic thinking to maintain, automate and operationalize platforms that support our API ecosystem.

Responsibilities

- Corporate API Strategy: Define the long-term vision of API platforms throughout the organization; decide between Apigee and MuleSoft (or hybrid) approaches
- Platform standardization: establishment of enterprise-wide API standards, governance frameworks, reusable models and shared libraries
- Multi-Platform Expertise: Deep knowledge of both Apigee AND MuleSoft ecosystems—evaluating when to use each, managing migration paths, and ensuring interoperability
- Architectural design: creation of plans for complex and large-scale integrations; resolution of non-trivial technical problems at the company level
- Technology roadmap: define the direction of the platform's evolution, evaluate new tools/versions, manage technical debt
- Executive Communication: Presenting strategy to C-suite, explaining trade-offs, business impact, and ROI
- Governance and Security: Define API security policies, compliance frameworks, audit leads and disaster recovery strategies
- Optimization of costs: Optimization of licensing, infrastructure and resource allocation in Apigee and MuleSoft
- Centre of Excellence (CdE): Building communities of practice, sharing knowledge, establishing best practices among teams
- Vendor Management: Negotiating with Apigee/MuleSoft, managing support contracts, staying current with platform roadmaps

Qualifications

Must haves

- Strong experience in API/integration architecture, with 5 years and over at the Architect or Principal level
- Expert-level knowledge of both Apigee AND MuleSoft platforms:
- Apigee: Shared flows, conditional policies, analysis, customization of the developer portal, API monetization, hybrid/prem deployments

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- MuleSoft: platform maturity, design models, API connectivity, DataWeave transformation, Advanced Error Management, Anypoint Governance
- Multilingual development: Skills in several languages (.NET, Java, Python, Node.js) and executives
- Enterprise integration patterns: EAI, SOA, microservices, event-driven architecture, saga patterns
- Cloud architecture: Deep multi-cloud experience (Azure, AWS, GCP), containerization (Kubernetes, Docker), serverless
- Security and compliance: OAuth 2.0, OpenID Connect, API gateway security, data encryption, regulatory compliance (HIPAA, PCI-DSS, SOX)
- Middleware Enterprise: Experience with messaging systems (Kafka, RabbitMQ), event streaming, complex transformations
- Infrastructure & DevOps: CI/CD pipelines, infrastructure as code, monitoring / observability (Spunk, DataDog, Prometheus)

Nice to haves

- Apigee Certified API Architect
- MuleSoft Certified Integration Architect
- (Good luck to have) Azure Architect Solutions or AWS Architect Solutions (professional/expert level)
- Business architecture or TOGAF frameworks

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.
- Capacity to make a difference and sustainable impact
- 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 to do challenging work

Job Skills

Applications Architecture, critical thinking, data architecture development, decision-making, group problem solving, information technology consulting, IT architecture, multi-level communication, service-oriented architecture (SOA), target 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 R0000191947 on the RBC careers portal.

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