Senior Backend/API Developer

Requisition	R0000186070
Employer	RBC
Canadian locations	Toronto (Ontario, Canada)
Primary address	RBC WATERPARK PLACE, 88 QUEENS QUAY W:TORONTO
Posted	November 17, 2026
Date in the description	September 8, 2026
Posted deadline	December 31, 2026
Last day to apply	December 30, 2026
Business area	TECHNOLOGY AND OPERATIONS
Employment status	Regular
Work schedule	Full time · 37.5 h per week
Pay type	Salaried

The position

Join our innovative PayEdge Technology team at RBC, where we're revolutionizing payment solution for commercial clients. We are seeking a Senior API Developer to build the robust and scalable APIs. As a key player, you'll contribute to every stage of the software development life cycle, focusing on quality, maintainability, performance, and reliability. If you're a team-oriented developer with a strong technical foundation, excellent problem-solving skills, and proficiency in language like Java, and framework like Spring Boot, let's build the future of payments together.

Responsibilities

- Design, develop, and maintain scalable, high-performance REST and/or GraphQL APIs
- Collaborate with product managers, architects, engineers and infrastructure teams to define API specifications and requirements
- Write a clean, sustainable and effective code; Conduct code reviews and foster a culture of technical excellence
- Collaborate with DevOps and infrastructure teams on deployment, monitoring and CI/CD
- Optimize API performance, scalability and reliability through continuous monitoring and improvement
- Develop and maintain comprehensive technical documentation and API specifications
- Integrating internal systems into third-party applications and services
- Follow security standards and implement authentication and authorisation mechanisms such as OAuth 2.0, JWT and API keys

Qualifications

Requirements

- Bachelor of Computer Science, Engineering or a Related Field
- 5 years and more professional experience in software development, with at least 4 years of API development
- Expert skills in at least one modern programming language (Java, Python, Go or Node.js)
- A thorough understanding of API design models, REST principles and HTTP protocols
- Strong experience of relational databases (SQL) and data stores NoSQL
- Competency with version control systems (Git) and CI/CD pipelines
- Demonstrated expertise in unit testing, integration testing and debugging

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- Strong problem-solving skills and be able to work on your own and collaboratively
- Ability to work in an Agile environment
- Good communication and collaboration capabilities.
- A passion for technology and a passion for the culture of software development

Assets

- Experience with Microservices and Event Architecture
- Familiarity with API gateways and API management platform
- High volume or mission critical API design experience
- Knowledge of financial data exchange standards and frameworks
- Knowledge of async cache, messaging and processing technologies
- A good understanding of Agile methodologies and the ability to contribute to continuous improvement initiatives

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

Application Development, Application Integrations, Application Maintenance, Application Architecture, Retail-Oriented, Enterprise Application Delivery, Group Problem Resolution, Programming Languages, Software Development Life Cycle (SDLC), System Applications

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 R0000186070 on the RBC careers portal.

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