Lead Project Manager - (AI-DLC)

Requisition	R0000192285
Employer	Royal Bank of Canada
Canadian locations	Toronto (Ontario, Canada)
Primary address	600 QUEENS PLATE DR, TORONTO, ON M9W 0A4, Canada
Posted	November 26, 2026
Last day to apply	December 9, 2026
Posted deadline	December 10, 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 senior project manager to lead the implementation of strategic initiatives that bring AI's tool into the life cycle of software delivery across the bank, which is responsible for coordinating complex and interfunctional programs that improve developers' productivity by leading the new AI-DLC software delivery initiative.

The successful candidate will work closely with Product Management, Platform Engineering, Finance, Change Management, Architecture, Risk, and Security teams to ensure the successful delivery and adoption of new AI-enabled tooling and methodology designed to enhance the experience of technical and business resources delivering technology products.

This role combines technical expertise, leadership in program delivery and strong stakeholder management to support the delivery of large-scale technology initiatives.

Responsibilities

Program & Delivery Leadership

- Lead the planning and delivery of AI-DLC initiatives, including AI-enabled developer tooling and automation, integrated with existing DevOps platforms and CI/CD capabilities.
- Coordinate inter-functional teams across engineering, architecture, product management, security and operations to deliver complex technology programs.
- Manage the roadmaps, milestones and dependencies of several teams and initiatives.
- Develop delivery plans and coordinate dependencies between teams to ensure alignment between the priorities of the platform roadmap and engineering delivery.
- Promote adoption and change management for AI tools through engineering and business teams.

Platform & Product Collaboration

- Partner with senior management to align delivery with the AI-DLC Roadmap and product priorities.
- Translating the platform's product objectives and capabilities into a coordinated delivery across business lines.

Qualifications

Requirements

- Bachelor of Computer Science, Engineering or a related field; advanced degree is preferred.
- At least 5 years of experience as a project manager, with demonstrated practical knowledge of the Agile, software delivery and change management methods.

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- Strong technical background in software development, cloud computing, generative and agentic AI, and automation.
- Competency in project management methods, tools and techniques, including risk management, scheduling and budgeting.
- Outstanding communication, leadership and problem solving skills.
- Experience in managing complex projects in a dynamic and fast environment.

Assets

- Familiarity with the AI development tool and the key DevOps tools and technologies.
- A project management professional (PMP) or equivalent certification is highly desirable.

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.
- Opportunities to do challenging work
- Opportunities for progressively fulfilling greater responsibilities
- Opportunities for close relationships with clients

Job Skills

Business Directorate, Communication, Group Problem Resolution, Long-Term Planning, Meeting Management, Organizational Change Management, Resource Coordination, Results Direction, Time Management, Waterfall Model

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 R0000192285 on the RBC careers portal.

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