Cloud Engineer

Requisition	R0000188099
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
Date in the description	September 17, 2026
Posted deadline	December 15, 2026
Last day to apply	December 14, 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 dynamic and innovative hybrid infrastructure services team, where cutting-edge technology is a passion for organizational change. We operate critical shared platforms, including Kafka, Elasticsearch and Redis, that support a large number of internal application teams.

We're not looking for someone who just knows Kubernetes, Kafka, Elasticsearch, and Redis. We're looking for a Senior Engineer who treats AI-assisted engineering as a core skill — someone who uses tools like Copilot and Claude Code as a default way of working, and who can go further: designing and deploying task-specific agents that handle on-call triage, onboarding validation, upgrade pre-checks, and capacity forecasting at scale. You'll help shape how our team delivers meaningfully more value faster automation, smarter self-service, quicker incident response without the tradeoffs of understanding the systems less deeply.

Responsibilities

Engineering

- Work with interfunctional teams to design and implement evolving and resilient hybrid cloud services that align with organizational objectives.
- Use AI-assisted coding (Copilot, Claude Code or equivalent) as the default way to write and revise the infrastructure code, scripts and documentation — holding it at the same revision bar as any other change, just produced faster.
- Design, build and operate task-specific agents that reduce manual work - for example, call-sorting agents that correlate past actions and incidents, on-board agents that validate policy requests, or capacity forecasting agents that announce weeks ahead.
- Define guardrails for agentic workflows: what an agent can act on autonomously versus what requires human sign-off, with full audit trails for every automated action.
- Perform performance analysis and service optimization to ensure efficiency and cost-effectiveness.
- Identify and implement best practices in resource use and scalability in various infrastructure landscapes.

Security and Compliance

- Implement and maintain security measures to protect cloud on-site and public environments and data.
- Follow industry standards and regulatory requirements in all deployment models, including the explanation and verification of any AI or agent action on the production infrastructure.

Royal Bank of Canada Website, © 1995-2026 - Tous droits réservés © 2026 - optimisé par novijob™

novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com

Monitoring and Troubleshooting

- Establish a tracking and alert for proactive identification of problems in on-site and public cloud environments.
- Respond quickly to incidents, using AI-assisted correlation to speed up diagnosis — while possessing the remaining firm human judgements (fundamental promotion, bankruptcy decisions, communication with the client).

Qualifications

Requirements

- Passion for debugging complex systems and an eye for problems that occur at scale.
- The deep care of the resilience of the systems and the quality of what you ship—including the changes generated by AI, which get the same exam as those written by hand.
- Practical experience with AI coding assistants (Copilot, Claude Code or similar) as part of your daily engineering workflow, not as a novelty.
- Scripting and automation (e.g. Go, Shell, Ansible, Python) for infrastructure as code.
- Experience in container technologies (e.g., Docker, Kubernetes).
- Excellent communication and organizational skills.
- A strong desire to acquire new skills and technologies — this role awaits continuous growth at a defined skill scale in AI (from AI-assisted engineering daily to the creation of personal workflow agents, to the deployment of specific production agents).

Assets

- Experience in creating or deploying LLM-based agents or tools — e.g., tool or function call models, log/metric correlation increased by recovery, classification of intent for sorting demand.
- Software development experience in Java or Rust.
- Familiarity with Elasticsearch, Kafka or Redis, either from the point of view of development or operations.
- Understanding AI governance, model risk or LLM failure modes (hallucination, inertia, rapid injection) in a regulated environment.

Preferred certifications

- Microsoft Certified: Azure Administrator Associate (or equivalent Azure/Cloud administration certification).
- Certified Kubernetes Administrator (CKA).
- Certified confluent administrator for Apache Kafka (CCAAK).
- Certified elastic engineer / elastic search administrator.
- Redis Certified Administrator or Redis Certified Developer.

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.
- Opportunities to do challenging work.

Job Skills

Agile methodology, Cloud Computing, Cloud Computing Architecture, Cloud Platform, Infrastructure As Code (IaC), IT Systems Integration, Performance Measurement, Needs Analysis, Software Development, System Software

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

Royal Bank of Canada Website, © 1995-2026 - Tous droits réservés © 2026 - optimisé par novijob™

novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com

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 R0000188099 on the RBC careers portal.

novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com novijob.com

Royal Bank of Canada Website, © 1995-2026 - Tous droits réservés © 2026 - optimisé par novijob™