

## Job Posting:166111 - Position: S25 Software Developer (May 2025 4-16 months) 166111 E2

<b>Co-op Work Term Posted:</b>	2025 - Summer
<b>App Deadline</b>	02/27/2025 09:00 AM
<b>Application Method:</b>	Through Employer Website
<b>Posting Goes Live:</b>	02/13/2025 09:58 AM
<b>Job Posting Status:</b>	Expired

### ORGANIZATION INFORMATION

<b>Organization</b>	IBM Canada Ltd.
<b>Country</b>	Canada

### JOB POSTING INFORMATION

<b>Placement Term</b>	2025 - Summer
<b>&lt;b&gt; Job Title &lt;b&gt;</b>	S25 Software Developer (May 2025 4-16 months) 166111 E2
<b>Position Type</b>	Co-op Position
<b>Job Location</b>	Markham, ON
<b>Country</b>	Canada
<b>Duration</b>	4 months
<b>Work Mode</b>	Hybrid
<b>Salary Currency</b>	CAD
<b>Salary</b>	Salary Not Available, 0 Major List
<b>Job Description</b>	

**Application Link:** Software Developer (May 2025 4-16 months)

#### Introduction

A career in IBM Software means you'll be part of a team that transforms our customer's challenges into solutions.

Seeking new possibilities and always staying curious, we are a team dedicated to creating the world's leading AI-powered, cloud-native software solutions for our customers. Our renowned legacy creates endless global opportunities for our IBMers, so the door is always open for those who want to grow their career.

We are seeking a software developer to join our IBM Software team. As part of our team, you will be responsible for developing and maintaining high-quality software products, working with a variety of technologies and programming languages.

IBM's product and technology landscape includes Research, Software, and Infrastructure. Entering this domain positions you at the heart of IBM, where growth and innovation thrive.

#### Your role and responsibilities

As a key member of our dynamic team, you will play a vital role in crafting exceptional software experiences. Your responsibilities will encompass the design and implementation of innovative features, fine-tuning and sustaining existing code for optimal performance, and guaranteeing top-notch quality through rigorous testing and debugging. You will be solving real world problems in support of the thousands of enterprise customers who rely on our products. Collaboration is at the heart of what we do, and you'll be working closely with fellow developers, designers, and product managers to ensure our software aligns seamlessly with user expectations.

#### ABOUT BUSINESS UNIT

IBM Software infuses core business operations with intelligence-from machine learning to generative AI-to help make organizations more responsive, productive, and resilient. IBM Software helps clients put AI into action now to create real value with trust, speed, and confidence across digital labor, IT automation, application modernization, security, and sustainability. Critical to this is the ability to make use of all data, because AI is only as good as the data that fuels it. In most organizations data is spread across

multiple clouds, on premises, in private datacenters, and at the edge. IBM's AI and data platform scales and accelerates the impact of AI with trusted data, and provides leading capabilities to train, tune and deploy AI across business. IBM's hybrid cloud platform is one of the most comprehensive and consistent approach to development, security, and operations across hybrid environments-a flexible foundation for leveraging data, wherever it resides, to extend AI deep into a business.

### **YOUR LIFE @ IBM**

In a world where technology never stands still, we understand that, dedication to our clients success, innovation that matters, and trust and personal responsibility in all our relationships, lives in what we do as IBMers as we strive to be the catalyst that makes the world work better.

Being an IBMer means you'll be able to learn and develop yourself and your career, you'll be encouraged to be courageous and experiment everyday, all whilst having continuous trust and support in an environment where everyone can thrive whatever their personal or professional background.

Our IBMers are growth minded, always staying curious, open to feedback and learning new information and skills to constantly transform themselves and our company. They are trusted to provide on-going feedback to help other IBMers grow, as well as collaborate with colleagues keeping in mind a team focused approach to include different perspectives to drive exceptional outcomes for our customers. The courage our IBMers have to make critical decisions everyday is essential to IBM becoming the catalyst for progress, always embracing challenges with resources they have to hand, a can-do attitude and always striving for an outcome focused approach within everything that they do.

Are you ready to be an IBMer?

### **ABOUT IBM**

IBM's greatest invention is the IBMer. We believe that through the application of intelligence, reason and science, we can improve business, society and the human condition, bringing the power of an open hybrid cloud and AI strategy to life for our clients and partners around the world.

Restlessly reinventing since 1911, we are not only one of the largest corporate organizations in the world, we're also one of the biggest technology and consulting employers, with many of the Fortune 50 companies relying on the IBM Cloud to run their business.

At IBM, we pride ourselves on being an early adopter of artificial intelligence, quantum computing and blockchain. Now it's time for you to join us on our journey to being a responsible technology innovator and a force for good in the world.

### **OTHER RELEVANT JOB DETAILS**

Must have the ability to work in Canada without sponsorship.

This role will involve working with technology that is covered by Export Regulations sanctions. If you are a Foreign National from any of the following US sanctioned countries (Cuba, Iran, North Korea, Syria, and the Crimea, Luhansk, Donetsk, Kherson, and Zaporizhia regions of Ukraine) on a work permit, you are not eligible for employment in this position.

## **Job Requirements**

### **Required education**

High School Diploma/GED

### **Preferred education**

None

### **Required technical and professional expertise**

#### **• Software Development Expertise:**

Strong background in software development, demonstrating expertise and knowledge in at least one of the following in programming languages: C, C++, Java.

Also preferred expertise in Python, UNIX Shell Scripting, .NET/C#, Angular, React, Vue, JavaScript, CSS, HTML, NodeJS, Dojo, Rust, Go (golang), Groovy. Experience in building and maintaining CI/CD based workflows, using Jenkins, Artifactory, GitHub Enterprise.

#### **• Cloud Technology Proficiency:**

Experience with cloud-based technologies, showcasing familiarity with modern cloud ecosystems and tools (AWS, Azure, GCP, IBM Cloud); building, deploying and managing containerized microservice based applications on Kubernetes. Familiarity with Client/Server architectures and web requests. Knowledge of browser-based debugging and understanding of web fundamentals (Cookies, localStorage, DOM).

#### **• Database Knowledge:**

Proficiency in SQL and NoSQL databases, particularly experience with technologies like Db2, Oracle or Cloudant, adding value to data management practices.

#### **• Excellent Problem-Solving Skills:**

Demonstrate excellence in problem-solving, debugging, with the ability to tackle complex problems and find effective solutions.  
Good understanding of unit, behavioral and end-to-end testing.

• **Collaborative Team Player with Self-Starter Mindset:**

Ability to work seamlessly as part of a team, contributing to collective goals and fostering a collaborative work environment. A self-starter with a proactive mindset, able to initiate and drive projects independently. Participating in agile backlog grooming, planning and execution of your work.

**Preferred technical and professional experience**

- Strong understanding of computer science data structures and algorithms.
- Strong problem-solving skills and the ability to work effectively both independently and within a team
- Proficiency in C/C++ programming languages with demonstrable experience in software developmentSolid understanding of software development principles, algorithms, and secure coding practices
- Excellent communication skills to convey complex concepts effectively
- Experience with containerized application development/deployment technologies and environments (Docker, Kubernetes Operators, OpenShift)
- Knowledge of Ansible and Cypress framework
- Good understanding of API Gateways management and microservices; knowledge on ngrx and rxjs
- Understanding and experience with the operating systems
- Understanding, interest and experience with Back End Development
- Understanding and experience with relational databases like Db2 or similar
- Familiarity with low-level system programming
- Familiarity with operating systems such as Linux/Unix and Windows
- Good understanding of other programming and scripting languages such as shell scripting, Perl, Java, Python, and REST APIs
- Knowledge of software development methodologies, including Agile

**Other:**

- Must have the ability to work in Canada without sponsorship.
- This role will involve working with technology that is covered by Export Regulations sanctions. If you are a Foreign National from any of the following US sanctioned countries (Cuba, Iran, North Korea, Syria, and the Crimea, Luhansk, Donetsk, Kherson, and Zaporizhia regions of Ukraine) on a work permit, you are not eligible for employment in this position.

**Citizenship Requirement** N/A

## APPLICATION INFORMATION

**Application Procedure** Through Employer Website

**Cover Letter Required?** Optional

**Address Cover Letter to** Hiring Manager

**Special Application Instructions**

**Job closed**

**Application Link:** [https://ibmglobal.avature.net/en\\_US/careers/JobDetail?jobId=10757&source=WEB\\_Search\\_NA](https://ibmglobal.avature.net/en_US/careers/JobDetail?jobId=10757&source=WEB_Search_NA)

**Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.**

**Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received.**

**Students should submit their applications as soon as they are ready.**