

## Job Posting:174170 - Position: W26 Software Engineering Intern 174170

Co-op Work Term Posted:	2026 - Winter
App Deadline	10/14/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	10/07/2025 01:59 PM
Job Posting Status:	Approved

### ORGANIZATION INFORMATION

Organization	Excelar Technologies
Address Line 1	610 - 4211 Kingsway
City	Burnaby
Postal Code / Zip Code	V5H 1Z6
Province / State	BC
Country	Canada

### JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Software Engineering Intern 174170
Position Type	Co-op Position
Job Location	Burnaby, BC
Country	Canada
Duration	8 or 12 months
Work Mode	In-Person
Salary Currency	CAD
Salary	Salary Not Available, 40 Major List
Salary Range \$	45000-55000 yearly
Job Description	

**Careflow** is a market leading clinical AI platform for orchestrating the deployment of a broad range of healthcare AI models, interconnecting AI with privacy compliant data pipelines from real-time data stream such as medical IoT devices to large datasets such as genomics and hospital electronic health records and integrating AI with clinical workflows to provide improved and safer patient care.

The Careflow platform enables trusted and explainable healthcare AI with human-in-the-loop and makes complex patient data easy to visualize. It provides managed data access for AI algorithm contextualization, validation, deployment, and observations, as well as data insights for research and clinical quality improvement. Our projects help prevent adverse drug events that result in hospital emergency admissions, reduce the use of opioids for pain management in surgical care, provide early diagnosis and treatment of autism, and support continuous connected patient care for early discharge of post-acute patients for recovery from the comfort of home.

We have multiple openings in software engineering, data engineering, and DevOps functions. Our work environment allows for personal and career growth opportunities. This is an internship co-op placement based out of our office at 610 - 4211 Kingsway, Burnaby, BC, V5H 1Z6.

#### Job Description / Duties & Responsibilities:

- Development of the Excelar Careflow platform including Careflow Orchestrator, Careflow Timeline, and Careflow Insights. You will be exposed to data routing technologies such as Kafka, real-time data processing pipelines for AI, health data exchange

interfaces such as HL7, machine learning tools such as PyTorch, and front-end technology frameworks such as Angular and ReactJS.

- Contribute to the frontend and backend development as well as data engineering and DevOps of Careflow. You will be exposed to cognitive natural language processing, machine learning, ReactJS, NodeJS/PHP/Python, Large Language Models, agent-to-agent model integration, MongoDB/MySQL and containerized micro-services and tools such as Langchain.
- Follow agile development methodologies. Tools we use include JIRA, Confluence, BitBucket, Jenkins, Ansible, Docker, Docker Hub, Terraform, and Kubernetes
- Use TypeScript, HTML 5, and CSS 3 to define the user experience and user interface
- Collaborate with team members to develop / iterate / contribute to user interface designs
- Assist with QA testing and test automation (Selenium)

## **Job Requirements**

### **Qualifications:**

- Understanding of client and server system design/architecture
- Some experience with data processing and transformation using ECMAScript.
- Some experience with JavaScript libraries such as React, Redux, Angular, RxJS, D3.js, Node.js, etc.
- Some experience with testing frameworks such as Jest and dev tools to identify and fix issues.
- Comfortable with web technologies such as HTML5, CSS3, XML, JSON, etc.
- Some experience with DevOps tools such as Git, JIRA, Jenkins, Ansible, and Docker
- Previous exposure to machine learning and data science tools an asset
- Experience with cloud platforms such as AWS and Azure an asset
- Experience with test automation tools such as Selenium, Appium, etc. an asset
- Willingness to learn and being adaptable in different situations
- Able to work independently and collaborate with a team to get things done

Our office is located near Metrotown in Burnaby at 610 - 4211 Kingsway, Burnaby, BC.

**Citizenship Requirement** Canadian & Permanent Residents Only

**Position Start Date** January 05, 2026 12:00 AM

**Position End Date** August 31, 2026 12:00 AM

## **APPLICATION INFORMATION**

**Application Procedure** Through UBC Science Co-op

**Cover Letter Required?** No