Job Posting:172934 - Position: W26 Software Developer - Full Stack (Co-op) 172934

Co-op Work Term Posted:	2026 - Winter
App Deadline	09/16/2025 09:00 AM
Application Method:	Through UBC Science Co-op
Posting Goes Live:	09/09/2025 02:19 PM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	Apera AI Inc.
Address Line 1	Ste. 501- 134 Abbott St.
City	Vancouver
Postal Code / Zip Code	V6B 2K4
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2026 - Winter
<b> Job Title <b>	W26 Software Developer - Full Stack (Co-op) 172934
Position Type	Co-op Position
Job Location	Vancouver, BC
Country	Canada
Duration	8 months
Salary Currency	CAD
Salary	Salary Not Available, 0 Major List
Salary Range $	$3600-3800 Monthly

Job Description

Position: Software Developer - Full Stack (Co-op)
Company: Apera AI
Location: Vancouver, BC (On-Site or Hybrid)
Employment Type: Full-time Co-op (Temporary)
Role Overview
Apera AI is seeking a **Full Stack Software Developer (Co-op)** to join the team behind **Apera Forge Lab**, our web-based simulation and development platform for vision-guided robotics. As a co-op developer, you'll contribute across the software stack-helping deliver new functionality, improve developer tooling, and support the cloud infrastructure that powers Forge Lab.
You'll work with experienced engineers across product, cloud, and simulation domains. This is a hands-on role where your work will be reviewed, tested, and integrated into a real production system.
Employee Value Proposition (EVP)
Purpose
Your work will directly support robotics engineers who rely on Forge Lab to simulate and test robotic vision workflows. You'll help accelerate how robotic solutions are developed and deployed.
Growth
You'll gain experience with modern development practices including full-stack web development, CI/CD, cloud infrastructure, and developer tooling-all within a fast-paced robotics startup.

Motivators

You'll be part of a team that values clarity, iteration, and shipping working software. You'll learn how to write production-grade code, contribute to team rituals like sprint planning and code reviews, and see your work make a tangible difference.

Major Objectives

1. **Ship a Full-Stack Feature by Mid-Term**

   Within the first 8-10 weeks, collaborate on a small but meaningful feature-from ticket breakdown and UI mock-ups to API integration and deployment. Success is measured by quality, user experience, and test coverage.

   [Tech: React, Python, FastAPI, GitHub]

2. **Improve Developer Workflow or Test Coverage**

   Identify a pain point in the development or testing workflow and propose a solution (e.g., test automation, build script improvement, better error logging). Aim to implement and document the improvement by the end of the term.

   [Tech: GitHub Actions, Pytest, Docker]

3. **Contribute to Cloud Deployment Reliability**

   Support the maintenance of cloud infrastructure by helping monitor logs, address deployment issues, or improve scripts related to container builds or service health.

   [Tech: AWS, Docker, CloudWatch]

Critical Subtasks

• Participate in sprint planning, stand-ups, and code reviews.

• Break down feature requests into tasks with guidance from mentors.

• Implement and test UI components in React, integrating with backend APIs.

• Write and run unit/integration tests for new features.

• Help reproduce and debug user-facing issues in test environments.

• Document what you build for future co-ops and developers.

Culture and Situation Fit

Apera Forge Lab is built by a tight-knit, collaborative team that values clarity, simplicity, and learning by doing. You'll fit well if:

• You're eager to contribute and ready to learn by shipping real code.

• You enjoy solving technical problems and working across the stack.

• You're comfortable asking questions and sharing your progress.

Job Requirements

Required Qualifications

• Experience with either **Python** or **React** through coursework or projects.

• Familiarity with Git and basic web development practices.

• A desire to work with cloud-hosted applications and modern DevOps tooling.

Bonus Experience (Not Required)

• Experience with AWS or Docker.

• Exposure to robotics, 3D graphics, or simulation environments.

• Contributions to open-source projects or previous co-op terms.

Citizenship Requirement	N/A
Position Start Date	January 05, 2026 12:00 AM
Position End Date	August 28, 2026 12:00 AM

APPLICATION INFORMATION

Application Procedure	Through UBC Science Co-op
Cover Letter Required?	Yes
Address Cover Letter to	Hiring Manager