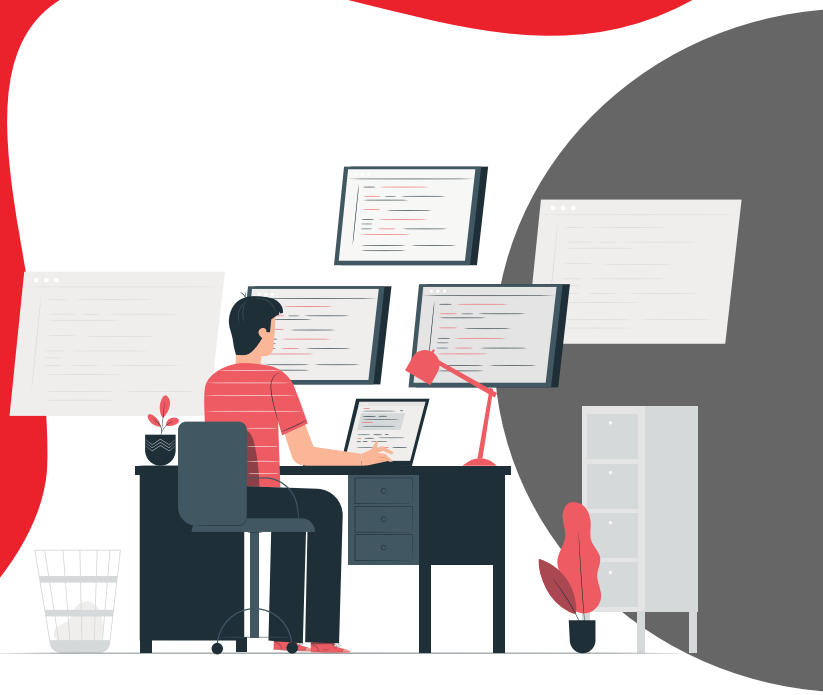
CENGN

Join our team!

Cloud Native Developer Co-op



CENGN is Canada's Centre of Excellence in Next Generation Networks. Our mission is to drive innovation and adoption of advanced networking technologies in Canada through our Living Labs and advanced networking infrastructure, technical expertise, talent development, and partner ecosystem, enabling the digital transformation and competitiveness of Canadian industry and the commercial growth of Canadian digital technology solutions.

With the digital transformation opportunity valued at over $200 billion in Canada, it is clear the new competitive landscape is being driven by digital innovation and the ability to integrate this technology across industries. Join our team, as we work with our ecosystem of technology, innovation, government, and academic partners to build Living Lab testing infrastructure and deliver services that accelerate the testing, validation, demonstration, commercialization and adoption of digital innovation across Canada.

For more information, check out: https://www.cengn.ca

The CENGN Advantage

Career Development
An agile company in a modern setting where your ideas and opportunities for growth are nurtured and encouraged

Canadian Innovation Support
Be part of an organization that drives innovation by providing Canadian start-ups and scaleups as well as tech students and professionals the ability to succeed

Work Where You Work Best
Remote or hybrid options to suit your individual professional and personal needs

Great People
The advantage of working with colleagues passionate about their contributions and united under the same mission

The Opportunity

Position: Cloud Native Developer - Co-op
Hourly Wage: $23-$29/hr
Location: Ottawa
Use of AI in Hiring: No, we do not use AI in screening/selection.
Vacancy Status: 8-12 month coop position

Key Responsibilities:

Infrastructure & DevOps

- Help set up and maintain both physical and virtual servers.
- Learn about Infrastructure as Code (IaC) tools and how they can automate building tech environments.

Networking

- Assist with configuring and troubleshooting switches, routers, and firewalls.
- Monitor network traffic and look for opportunities to improve performance.

Security Operations

- Contribute to essential security tasks like vulnerability checks, reviewing system logs, and supporting best practices that protect data.

Cloud & Virtualization

- Work with tools like Proxmox (or similar) and cloud platforms to run and manage different workloads.

Scripting & Automation

- Write simple scripts in Python, Bash, or PowerShell to automate repetitive tasks and improve efficiency.

Documentation

- Help create or update technical documents, diagrams, and standard operating procedures (SOPs) to support the team.

Key Competencies/Qualifications:

We encourage applications from students of all backgrounds, especially those who may not meet every requirement—your potential and willingness to learn matter.

- Currently studying Electrical Engineering, Computer Engineering, Computer Science, or a related program.
- Basic programming experience (any language is welcome).
- Interest or familiarity with cloud native concepts or DevOps tools (Docker, Kubernetes, microservices, CI/CD) is a bonus—not a requirement.
- Curious about machine learning or AI.
- Strong communication skills in English.
- Positive attitude, willingness to learn, and strong problem solving abilities.

You'll Stand Out If You Have Experience With:

These are nice to have, not must haves. If you don't have them all, that's completely okay.

- Open APIs
- Tools like Confluence or JIRA
- Agile ways of working
- Datacenter environments
- Public or private cloud services
- TCP/IP networking
- Linux or other open source technologies
- Virtualization or container technologies
- A GitHub profile with your projects

Interested and qualified candidates are invited to apply **here** or forward their resume in confidence to CENGN by email to hr@cengn.ca. Please use **Cloud Native Developer** as the subject line.

Follow us!

CENGN reserves the right to remove this posting prior to the application deadline. CENGN thanks all applicants for their interest; however, only those selected for an interview will be acknowledged. CENGN is an equal opportunity employer.

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