



Join our team!

Cloud Solutions Engineer



CENG N is Canada's Centre of Excellence in Next Generation Networks. Our mission is to drive technology innovation and industry growth through our test bed, technical expertise, talent development, and partner ecosystem to enable economic strength and prosperity as well as innovation and competitiveness for Canada in the high-growth global multi-trillion-dollar Information and Communications Technology industry.

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

The CENG N Advantage



Career Development

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



Cutting edge and relevant network technology

Our physical and virtual multi-vendor, test, certification, and validation platform provides a unique environment to commercialize advanced products, applications, and services



Canadian Innovation Support

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



Great People

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



Be Part of the Digital Revolution

CENG N leads collaboration projects in wired and wireless networking that are utilized by applications across industries and leverage the more relevant digital tech like cloud, wireless 5G, autonomous vehicles, broadband Internet, artificial intelligence, virtual reality, and cybersecurity



Join Canada's Tech Ecosystem

Work in the hub of Canada's network technology ecosystem, collaborating with the country's top Telecom multinationals, innovative start-ups and scaleups, government funders, post-secondary institutions, and fellow tech and business accelerators



A company which embodies its values of:

- Passion for our mission and empowered to make an impact
- Integrity in an open, agile, and collaborative environment
- Accountable and customer focused with a commitment to exceeding expectations
- Flexible and diverse work environment with a sense of belonging

Flex Culture

- Flexible working hours
- Work remotely, in a hybrid model, or enjoy our office space

Benefits

- Group benefits plan including Health, Dental, Vision, Health Spending Account, LTD, STD, AD&D, Life, etc...
- Company-paid mobile phone, MacBook Pro, and monitor
- Employer paid RSP contribution with no matching requirement

Wellness and Development

- Annual fitness and training and development allowance
- Wellness webinars, lunch and learns, and social events

Growth and Development

- Courses on in-demand cutting edge cloud and networking skills
- Hands-on training and industry-recognized badges and certifications

Vacation and Time Off

- A combination of 4 weeks paid personal and vacation days plus sick days and annual Christmas shutdown



The Opportunity:

We are seeking a highly skilled and motivated individual to join CENGN's Solutions Engineering team. The CSE team is responsible for designing, deploying, and supporting complex infrastructure in support of our client's testing projects. We also provide advice and assistance to our clients on the latest networking and cloud technologies.

Projects at CENGN range from proof of concepts, to technology validations, to complex scaling tests, each involving an exciting mix of hardware and software technologies. Our domain expertise spans data centre grade hardware, software-defined networking, virtualization and containerization, container orchestration, network function virtualization, security, and beyond.



Key Responsibilities:

CSEs design, deploy, manage and support complex networking and compute environments for our clients, and advise them as they execute their testing projects at CENGN.

The CSE role is highly collaborative and multi-faceted. On any given day, the CSE may hold responsibility to:

- Work directly with a new client to deeply understand their problems and goals, and then, in consideration of CENGN's services, advise the client on the design of a project that best meets those goals.
- Translate the high-level project design, architecture and requirements into a precise specification of the hardware and software technologies and network architecture required for the project.
- Deploy the environments with automation in mind to continuously enrich CENGN's automation catalog. Typical deployment models include: bare metal servers, service provider networking, operating systems, virtualization environments, containerization environments, traffic generators, performance monitors in a hybrid cloud context and at some of CENGN living labs.
- Provide hands-on technical support and best-practices advice to the client while they undertake their project.
- Develop and assist test plan execution with customers where applicable.
- Identify areas of optimization to evolve CENGN's services in collaboration with other departments



Key Competencies/Qualifications:

What you need:

- Experience engaging and managing technical requirements
- Expertise in cloud native application deployments (Docker, Kubernetes, [CNCF projects](#) infra as-code)
- Expertise in automation using one or more of the following automation tools or languages: Ansible, Terraform, Python or Go
- Expertise in UNIX/LINUX operating systems: RedHat, CentOS, Canonical Ubuntu, FreeBSD and other open source distributions
- Experience in system design and operations in public cloud environments (AWS, Azure or GCP) with an automation approach
- Experience with IP, BGP, MPLS networking and routing protocols
- Experience with hypervisor technologies: KVM+Openstack, VMWare or similar

You will stand out if you have:

- Experience in system design and operations of highly available and distributed systems using containerization
- Experience with traffic and load generation tools such as jMeter, Locust, TRex, IXIA or others
- Experience with modern distributed web architecture components like load balancers, reverse proxies, and web servers such as HAProxy, NGINX, Apache, Traefik, or similar
- Experience with virtualized network functions such as firewalls (commercial or open source)



Education:

Bachelor's degree in Engineering or Computer Science or equivalent experience



Languages:

- English oral, reading and writing
- French oral, reading, and writing or any other language would be considered an asset

Interested and qualified candidates are invited to forward their resume in confidence to CENGN by email to hr@cengn.ca. Please use *"Cloud Solutions Engineer"* 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.