CENGN

Join our team!

Solutions Engineer

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.

This year, CENGN celebrates its 10th anniversary of delivering significant impact and growth for Canada's innovation ecosystem: enabling the commercial growth of 100s of small and medium enterprises (SMEs), training 1000s of individuals in industry-coveted advanced networking and cloud skills, and maintaining a >10:1 ROI for our funders.

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 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

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

Benefits
- Attractive and Competitive Group Benefit Plan
- Phone plan reimbursement
- Employer paid RSP contribution with no matching requirement

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

Vacation and Time Off
- Three weeks vacation plus personal and sick days
- Annual Christmas shutdown

We are seeking a highly skilled and motivated engineer to Join CENGN's Customer Solutions Engineering Team. The CSE team is responsible for supporting complex infrastructure in support of our client's test and validation projects. We also provide advice and assistance to our clients on the latest networking and cloud technologies to support their journey through digital transformation. The candidate will be the external facing technical interface to the CENGN's customers.

Location: Remote

Salary: $90,000.00 - $120,000.00

Key Responsibilities:

- Oversee the delivery of innovative customer solutions, ensuring alignment with CENGN's mission to foster technological advancement and industry collaboration

Customer Engagement:

- Build and maintain strong relationships with customers, understanding their needs and requirements
- Act as the primary technical point of contact for customer projects, ensuring clear communication and satisfaction.

Solutions Engineering:

- Lead the design, implementation, and support of customized solutions for CENGN's clients by aligning CENGN's services against customer requirements
- Contribute to the evolution of CENGN's service offering in an Agile manner
- Ensure solutions meet client requirements, industry standards, and best practices across advanced networking, data management and cybersecurity.
- Maximise delivery efficiency leveraging existing automation services to streamline the operations of the CENGN customer projects

Key Competencies/Qualifications:

- Proven experience working with customers on end to end solutions with networking, application and data related components
- Ability to engage and support business development and marketing to translate customer requirements
- Practical understanding of the Agile methodology and associated tools like Confluence, Jira, Bitbucket
- *Key competencies continued on following page...*

Key Competencies/Qualifications:

Must haves:

- Technical expertise in cloud native application deployments (Docker, Kubernetes, CNCF projects, infra as-code) with a cloud agnostic approach
- Expertise in UNIX/LINUX operating systems: RedHat, CentOS, Canonical Ubuntu, FreeBSD and other open source distributions
- Experience with networking and routing protocols including understanding of 5G architectures
- Experience with hypervisor technologies: KVM+Openstack, VMWare or similar

Nice to have:

- Proven experience in system design and operations of highly available and distributed systems using containerization
- Proven experience for test and validation 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)
- Experience with 3GPP networks either 4G and ideally 5G

Education and Experience:

- 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 via CENGN's Application Portal.

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