

JR. IT INFRASTRUCTURE SPECIALIST

OAKVILLE, ON | IN OFFICE | FULL TIME | IT & INNOVATION

OUR COMPANY

For over 35 years, NBM Engineering has been helping shape the infrastructure that keeps communities powered, connected, and moving forward. As a trusted engineering and consulting firm, we partner with municipalities, hydro utilities, and telecommunications providers across Canada to deliver Electrical and Civil Engineering Design, Compliance & Asset Management, Geomatics Support, and Project Management services.

At NBM Engineering, we believe great engineering creates lasting impact. Guided by our values of integrity, collaboration, technical excellence, health and safety, accountability, and continuous improvement, we empower our people to solve complex challenges, support critical infrastructure, and help build stronger, safer, and more sustainable communities for future generations

ABOUT THE ROLE

Support the technology infrastructure that powers engineering excellence.

NBM Engineering is seeking a **Junior IT Infrastructure Specialist** to support our on-premises and cloud-based technology environments. This entry-level opportunity is ideal for a recent college or university graduate looking to build practical experience in IT infrastructure, cloud computing, networking, cybersecurity, and systems administration.

Working alongside experienced IT professionals, you will assist in maintaining servers, network infrastructure, cloud environments, security controls, and end-user technology systems. This role offers hands-on exposure to a wide range of technologies while providing opportunities for professional growth and certification development.

If you are passionate about technology, enjoy troubleshooting and problem-solving, and are eager to build a career in IT infrastructure and cybersecurity, we would love to hear from you.

WHAT YOU'LL DO

INFRASTRUCTURE & SYSTEM SUPPORT	<ul style="list-style-type: none">• Assist with the installation, configuration, and maintenance of physical and virtual servers.• Support Windows Server and Linux environments.• Assist with user account creation, access permissions, and identity management.• Support core infrastructure services including Active Directory, DNS, DHCP, and file services.
CLOUD SERVICES & PLATFORM ADMINISTRATION	<ul style="list-style-type: none">• Assist in provisioning and maintaining cloud resources within AWS and/or Azure environments.• Monitor resource utilization, availability, and system performance.• Support cloud identity and access management activities.• Help optimize cloud resource usage and cost management.

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NETWORK OPERATIONS & CONNECTIVITY	<ul style="list-style-type: none">Assist with configuring and supporting network equipment, including switches, routers, firewalls, VPNs, and wireless networks.Support troubleshooting of connectivity and performance issues.Monitor network health and escalate issues where required.Maintain network documentation and inventory records.
CYBERSECURITY & RISK MANAGEMENT	<ul style="list-style-type: none">Apply approved security patches and system updates.Support endpoint protection and security monitoring activities.Participate in backup verification and disaster recovery testing.Follow organizational security policies, standards, and procedures.
TROUBLESHOOTING & TECHNICAL SUPPORT	<ul style="list-style-type: none">Investigate hardware, software, networking, and cloud-related issues.Monitor logs, alerts, and system health dashboards.Document incidents, solutions, and technical changes.Escalate complex issues to senior team members as appropriate.
CONTINUOUS LEARNING & DEVELOPMENT	<ul style="list-style-type: none">Develop knowledge of networking, cloud computing, infrastructure, and cybersecurity.Participate in training and certification programs.Work toward certifications such as AWS, CompTIA Security+, CCNA, Microsoft, or related technologies.Stay current with emerging technologies and IT best practices.

WHAT WE'RE LOOKING FOR

EDUCATION	Diploma or Degree in Information Technology, Computer Systems, Computer Science, Networking, Cybersecurity, or a related discipline.
EXPERIENCE LEVEL	<ul style="list-style-type: none">0 to 2 years of related experience.Co-op placements, internships, academic projects, home labs, and relevant technical certifications will be considered.
TECHNICAL SKILLS	<ul style="list-style-type: none">Basic knowledge of Windows and Linux operating systems.Understanding of networking fundamentals including TCP/IP, DNS, DHCP, VLANs, VPNs, and routing concepts.Exposure to cloud platforms such as AWS or Azure.Familiarity with Microsoft 365 administration is considered an asset.Basic scripting knowledge in PowerShell, Bash, or Python is an asset.
TECHNICAL KNOWLEDGE & ANALYTICAL SKILLS	<ul style="list-style-type: none">Strong troubleshooting and problem-solving abilities.Ability to follow technical procedures and documentation standards.Analytical mindset with strong attention to detail.Ability to diagnose and resolve technical issues methodically.
COMMUNICATION & COLLABORATION	<ul style="list-style-type: none">Strong verbal and written communication skills.Ability to support technical and non-technical users effectively.Willingness to learn from senior team members and contribute within a collaborative environment.Strong customer service orientation and professionalism.

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PROFESSIONAL ATTRIBUTES

- Eagerness to learn and continuously develop technical expertise.
- High level of integrity and accountability.
- Ability to handle confidential and sensitive information.
- Strong organizational and time-management skills.
- Self-motivated team player with a positive attitude.

WORK CONDITIONS

- Primarily office-based with occasional travel between company locations as required.
- Combination of infrastructure support, cloud administration, monitoring, troubleshooting, and documentation activities.
- Work may include scheduled maintenance or occasional after-hours support activities.
- Directly contributes to business continuity, cybersecurity, operational efficiency, and end-user productivity.

ADDITIONAL INFORMATION

- Language of Work: English
- Work Authorization: Eligible to work in Canada with valid authorization.
- Location: Oakville, Ontario

COMPENSATION & BENEFITS

- Annual Salary Range: \$55,000 - \$75,000 CAD
- Health, Dental, and Vision Coverage
- Employee Assistance Program (EAP)
- RRSP Matching Program

APPLICATION PROCESS

1. Submit your application through the NBM Engineering Careers Portal.
2. Applications will be reviewed by the Hiring Team.
3. Selected candidates will be invited to an initial screening interview
4. Shortlisted candidates may participate in a panel and/or technical interview and a final discussion with the leadership team
5. Reference checks will be conducted for the final candidate.
6. Successful candidates will receive a formal offer of employment.

Applications will be reviewed confidentially and assessed based on qualifications, experience, performance, and organizational needs.

SEND YOUR APPLICATION TO:
[CANDIDATE APPLICATION FORM](#)

SHOULD YOU HAVE ANY QUESTIONS, FEEL FREE TO REACH OUT AT:
careers@nbmengineering.com



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ACCESSIBILITY & INCLUSION STATEMENT

NBM Engineering welcomes and encourages applications from people with disabilities. Accommodations are available upon request for candidates participating in all aspects of the recruitment and selection process.