

VACANCY

Applications are invited from qualified individuals to fill the following position:

**One (1) Permanent Full Time System Architect
Information Systems Technology
SALARY: FROM \$44.70 TO \$55.88 HOURLY BASED ON EXPERIENCE**

Reporting to the Information Technology (IT) Manager, the System Architect for designing and implementing complex IT systems and networks to meet the specific needs of an organization.

The system architect coordinates the work by ITS Specialists to build, operate and maintain information technology's systems to ensure their proper operation. Their expertise is not just technical, as they have to transform the IT infrastructure into a development and strategy tool. Beyond purely technical skills, the systems architect requires excellent knowledge of organizational operations, ensuring that IT systems are aligned with business objectives and capable of supporting current and future needs.

Essential duties include:

Requirement Analysis: They work closely with stakeholders to understand the organization's technical requirements, goals, and constraints.

System Design: They design high-level architecture for IT systems, including hardware, software, network, and security components. This involves selecting appropriate technologies, platforms, and protocols to meet performance, scalability, and security requirements.

Technical Guidance: They provide technical guidance and recommendations to development teams, ensuring that the implemented solutions align with the architectural vision and best practices.

Prototyping and Proof of Concepts: They may create prototypes or proof of concepts to validate the feasibility and performance of architectural designs before full-scale implementation.

Integration: They ensure seamless integration of various IT systems and components, including legacy systems, third-party applications, and cloud services.

Performance Optimization: They optimize system performance by fine-tuning configurations, implementing caching mechanisms, and identifying and resolving performance bottlenecks.

Security: They oversee the design and implement security measures to protect IT systems from unauthorized access, data breaches, and cyber-attacks. This involves implementing encryption, access controls, intrusion detection systems, and other security mechanisms.

Documentation: They document architectural designs, technical specifications, and implementation guidelines to facilitate knowledge sharing and future maintenance.

Collaboration: They collaborate with other IT professionals, such as software developers, network engineers, and database administrators, to ensure the successful implementation and operation of IT systems.

Continuous Learning and Innovation: They stay updated on emerging technologies, industry trends, and best practices to continuously improve their architectural designs and contribute to the organization's innovation efforts.

The ideal candidate for this position will have the following qualifications:

Education:

- A bachelor's degree in computer science, information technology, computer engineering, or a related field or a combination of education, training, and experience;

Certificates/Experience/Knowledge:

- Minimum of 7 years' experience in implementing, managing and supporting the following:
 - M365 productivity and collaborative cloud services
 - Windows Server (2019 or higher)
 - Active Directory, Azure, DNS, DHCP
 - Exchange Server (2019 or higher)
 - Internet Information Server (IIS)
 - Networking protocols and technologies
 - Virtualization and containerization technologies (VMware vSphere, Horizon)
 - Database management systems (e.g., SQL Server, Oracle, MySQL)
 - Network security and vulnerability analysis
- Architecture and Design Skills: Strong architectural and design skills are essential, such as:
 - Design scalable, reliable, and high-performance IT systems
 - Develop architecture blueprints, diagrams, and technical documentation
 - Evaluate and select appropriate technologies and tools based on requirements

- Problem-Solving Skills:
 - Systems Architects should be adept at analyzing complex problems and developing innovative solutions to address them. They should be able to troubleshoot issues and perform root cause analysis effectively.
- Excellent communication skills are necessary for the Systems Architect to interact with stakeholders, translate technical concepts into non-technical language, and collaborate with cross-functional teams effectively.
- Project Management Skills:
Systems Architects often work on multiple projects simultaneously and should be able to manage their time and priorities effectively. Project management skills, including planning, organizing, and coordinating tasks, are valuable

Criminal Reference Check including the Vulnerable Sector Check recent within six (6) months is a requirement

Interested candidates are asked to submit their cover letter and resume to:

careers@nbrhc.on.ca quoting file [NU C-24-021](#)

The posting will remain open until the positions are filled.

Please note these postings are subject to change without notice. An acknowledgement will be sent only to those candidates who will be interviewed.

THE ORGANIZATION

North Bay Regional Health Centre (NBRHC) is a unique health care organization with three primary roles: providing acute care services to North Bay and its surrounding communities, functioning as the district referral centre providing specialist services for smaller communities in the area, and it's the specialized mental health service provider serving all of northeast Ontario. At more than 400 beds, our state-of-the-art regional health centre has over 150 physicians, 2300 employees and 250 volunteers.

For more information about the NBRHC, visit www.nbrhc.on.ca

THE COMMUNITY

North Bay is located 3.5 hours north of Toronto, just north of the district of Muskoka, and 3.5 hours west of Ottawa. With a population of 54,000 and a catchment area of 180,000, it is a safe and welcoming community that offers a healthy and balanced environment for working, living and raising a family. North Bay is situated on the shores of two large lakes (Lake Nipissing and Trout Lake) and boasts beautiful scenery and four distinct seasons. Whatever your interests are, you will have access to numerous activities and amenities within minutes from your home—reclaim your work-life balance and join us!

To see more of beautiful North Bay and learn about our lifestyle, visit www.northbay.ca

NBRHC is committed to achieving 100% compliance with its COVID-19 Vaccine Policy. As a result, please be advised that in order to be eligible for employment at the Health Centre, all new hires must be compliant with our COVID-19 Vaccination Policy and must be fully vaccinated prior to commencing employment. To be considered fully vaccinated, an individual must have received the full series of a COVID-19 vaccine or a combination of COVID-19 vaccines approved by the World Health Organization (e.g. two doses of a two-dose vaccine series or one dose of a single-dose vaccine series) and received the final dose of the COVID-19 vaccine at least 14 days ago.

The requirement that successful applicants be fully vaccinated is subject to any accommodation obligations pursuant to the Ontario Human Rights Code.

North Bay Regional Health Centre is committed to providing accessible employment practices that are in compliance with the Accessibility for Ontarians with Disabilities Act (AODA). If you require an accommodation for disability during any stage of the recruitment process, please indicate this in your application.

We are an equal opportunity employer. We thank all applicants for their interest.