

## **SOLUTION ARCHITECT**

Full Time Employment Opportunity

Reporting to the Manager, Architecture and Analysis, the Solution Architect is responsible for architecture, design, and delivery of tactical and strategic business solutions, and ensures that business requirements are met end-to-end. Drawing from the principles, processes, and models of Enterprise Architecture, the role is to design and implement application systems and networked software architectures that support core organizational functions and assure solution/system availability based on business' defined needs.

### **Duties:**

- Develop holistic solution architecture and design for Manitoba Liquor and Lotteries (MBLL) systems with the goal of reducing MBLL's technology footprint and promoting system "re-use".
- Develop conceptual and detailed application architectures and designs by identifying the technologies required and the interfaces and linkages between the solution components.
- Design the integrated system framework for the solution by identifying shared services and shared solutions to ensure strategic re-use of solution, components, and services.
- Design solutions that comply with architectural standards, and with legislative and regulatory requirements regarding data protection and privacy.
- Identify where greater investment may improve opportunities for harvesting solutions for future re-use.
- Produce Solution Architecture documents that describes the complete business solution for solution delivery including developing models for a system or application and all integration points.
- Support consulting services by providing solution and associated cost estimates.
- Select solutions from the palette of baseline technologies within the Enterprise Architecture (EA).
- Incorporate solution architecture into conceptual, logical, and physical designs while ensuring alignment with enterprise technology guidelines (i.e. design patterns, roadmaps, EA domain model, target state architectures).
- Collaborate with the project and operational team members, including business analysts, to understand / translate business requirements and non-functional requirements to solution options for a project or initiative.
- Act as a technical liaison and coordinator in projects or initiatives between external vendors and internal technical resources such as technical architects, developers, testers, and ITS Operations.
- Provide functional supervision to design teams.
- Conduct research on emerging technologies in support of systems development efforts and recommend technologies that will increase cost effectiveness and systems flexibility.
- Ensure that architectural standards are met and resolve concerns where the architectural standards are inadequate.
- Work with a team of technology staff to develop Proof of Concepts/Value using new technologies that can potentially benefit MBLL.
- Ensure compliance with policies for systems component reuse, presentation layer look and feel, security, audit, records management, and archival requirements.
- Research potential solution options in alignment with enterprise architecture target state architectures and guidelines, evaluate the options and provide the recommendation that serves identified business need.
- Actively participate on development and evaluations for any technology procurement processes on projects, such as Request for Proposal's (RFP's).
- Keep up-to-date with industry regulations, standards, trends, best practices, and emerging technologies by attending conferences/seminars, regularly reviewing industry publications, books, internet resources, etc.
- Assist in the development of business cases and cost/benefit analysis for IT spending and initiatives.

### **Primary Qualifications:**

- Completion of a recognized degree or diploma program in an IT related discipline, or an equivalent combination of education, certification, and experience.
- A minimum of ten years Information Technology related experience.
- A minimum of five years advanced level domain experience (e.g. networks, applications, information security, management, etc.)
- Strong knowledge of software evaluation principles and practices.
- Good knowledge of applicable data privacy practices and laws.
- Strong analytical, organizational, communication and presentation skills.
- In-depth knowledge of IT industry best practices, technologies, architectures, and emerging technologies across all IT domains (networking, servers, storage, application platforms, applications, software development tools and techniques, databases, internet, etc.).
- Good knowledge in business system analysis (requirements gathering, modeling, etc.).
- Experience in tracking industry and regulatory standards relevant to business (e.g. LGCA, Gaming Standards Association, Gaming Labs International, Payment Card Industry).
- Excellent oral and written communication skills, including presentation skills, meeting facilitation, and influencing.
- Experience in building trust and creating excellent working relationships with partners and stakeholders.
- Lifelong learning, in developing innovative ways of acquiring and transferring knowledge in complex circumstances.

### **Secondary Qualifications:**

- Industry credentials in Business Analysis and/or Architecture Frameworks are considered an asset.
- Project Management training is an asset.

*\*\*\* Manitoba Liquor and Lotteries is committed to Diversity, Equity and Inclusion. We strive to hire a workforce that reflects the community we serve. Employment equity will be considered therefore applicants who identify as women, Indigenous people, members of racialized groups, and persons with a disability are encouraged to apply. If you require an accommodation at any time during the recruitment process, please let us know how we can meet your needs.*

**Salary:** \$97,011.20 - \$128,648.00 annually  
**Bargaining Unit:** EXEMPT  
**Location:** TBD

Individuals should apply by completing our online application form at [www.mbl.ca/jobs](http://www.mbl.ca/jobs) or by submitting a resume and application to [careers@mbll.ca](mailto:careers@mbll.ca)

**All applications are due by March 20, 2024**

*We thank all interested applicants, however, only those selected for interviews will be contacted.*