

## **JOB POSTING**

### Information Technology

**POSITION TITLE:** Application Solutions Architect  
**REPORTS TO:** Manager, Digital & Integration Services  
**LOCATION:** Toronto  
**LANGUAGE:** English

#### **OVERALL ACCOUNTABILITY:**

This position reports to the Manager, Digital & Integration Services and joins existing team of developers. The duties and responsibilities of this role are to own the overall solution design in a hands-on manner, in addition to also having to lead project a team of developers. As the Application Solution Architect, this role will play a critical part in setting the technical direction for the department. Architects lead the discussion around overall solution design, and work closely with the technical teams as the detailed designs and technical solutions are designed and developed. Key focus areas for the team includes Design, Integration and Digital Architecture.

Examples of key initiatives for the Digital and Integration Services team:

- Event-based integration between applications, between portal and ERP system and expanding capabilities in both closed APIs (real-time B2B) and open APIs.
- Enhance the Digital Strategy and roadmap to align with Microsoft-based ERP system
- Work with technical teams to create development standards (naming standards, design patterns, re-usable code library, source code management, enhancement tracking, change management, etc.)
- Work with Functional Analysts to create business cases, by providing input outlining technologies required for new initiatives, along with identifying any impacts/risks/dependencies/costs etc.
- Maintain our security model as the organization expands into a number of different external-based partnerships and both business to business (B2B) and social technologies
- Implement a standard approach to Digital solution quality management

## RESPONSIBILITIES:

### Technology Planning and Strategy

- Working with Business and Technical teams, for planning new initiatives:
  - Reviews the high level requirements and provide feedback to Business Analyst – focus on alignment with business, corporate and technical strategies and ensure sufficient information for business cases
  - Propose a high level solution (including multiple options where appropriate)
  - Develop an estimate to be used in project portfolio planning
- Develop an estimation model and continuously improve it based on actual results from executing initiatives
- Key contact point / escalation point for any technical initiatives/issues prior to escalation to management – will work to resolve any issues, but will not hesitate to escalate where appropriate.
- Evaluate and recommend the packaged application solution that meets Customer requirements.
- Develop and maintain technical roadmaps taking into account business and technology strategies
- Develop and maintain technology and application capability models

### Project Execution: High Level Design and Solution Blueprint

- During the requirements phase of the project, develop the high level design specification (HLD):
  - The HLD will usually include a high-level architecture diagram depicting the components, interfaces and networks that need to be further specified or developed and outline the data transfers between each
  - In the case where there may be multiple applicable approaches to solution the requirements, multiple options may be identified with pros and cons of the different approaches and a final recommendation made after appropriate discussions with project core team members
  - There may be situations where the exact end-state solution might best be determined after further analysis during the Design phases. In these cases, the HLD may refer to this need rather than a specific solution. An example might be where either solution would be applicable and a detailed development sizing of each approach may be required to make the final determination
- During the design phase of the project, develop the Solution Blueprint:
  - This document describes the overall system architecture and design of the solution, integration of the various solution components and any integration with other application or infrastructure systems.
  - The Solution Blueprint should provide an overview of the entire solution by outlining all of the individual detailed design components and the integration required to bring the solution together.

- This typically includes security considerations, operational support, infrastructure set-ups and conversion/migrations as required. This document further elaborates on the High Level Design document completed in the Requirements phase of the project.
- Through the remaining phases of the project execution, there are a number of deliverables including functional and technical specifications, test and data migration plans, etc. where, as appropriate, the SA would be involved. Typically, their involvement would be higher when new or complex technologies are involved.

## **SKILLS & KNOWLEDGE REQUIRED:**

- Demonstrated leadership and facilitation experience
- Lead by example and act as a role model for team members. Motivate and coach team members
- Excellent verbal and written communication skills with demonstrated competency in interacting with and presenting to all levels of audience including senior management, vendors, etc.
- Strong customer service orientation
- Ability to provide guidance and leadership to peer technical leads
- Ability to maintain business partner relationships
- Understanding of, and experience in, strategic and operational planning
- Demonstrated problem solving, self-management and organizational skills
- Ability to work under pressure and to tight deadlines
- Team player with strong interpersonal, team building and coaching skills
- Familiar with working in an environment with project management discipline and protocols.
- Thorough understanding of common business processes and practices and advanced expertise in complex business / technical processes and their application
- Experience developing business cases and identifying measurable business value improvements
- Experience in gathering clear and concise business requirements
- Superior knowledge of Systems Development Life Cycle and software development methodology
- Experience in product evaluations and writing Request for Proposals (RFP).
- Technical background of sufficient depth and width to recognize opportunities and design solutions to effectively leverage technology
- Technical background in integration (internal/external, SSIS, REST API's, Message Queue, Service Bus), portal (internal/external, SharePoint with backend integration to ERP) and other Microsoft technologies including Project Server, Team Foundation Server.
- Experience as a Solution Architect or Enterprise Architect, in particular in leveraging packaged solutions (Eg. Epicor ERP would be an asset)



#### **ATTRIBUTES:**

- Technical / Architecture passion
- Leadership
- Results oriented
- Relationship and team builder
- Initiative
- Communicator
- Conceptual and forward thinker
- Adaptable
- Analytical / systematic thinker
- Objective
- Efficient
- Thorough

#### **EDUCATION/EXPERIENCE:**

- 7+ Year architecture experience
- Relevant degree and proven IT experience with emphasis on System Integration, ERP Deployment, Solution Architecture, Solution Quality Management, and Process Management/Governance.
- Would be an asset: TOGAF and ITIL certification

#### **IS THIS JOB RIGHT FOR YOU?**

Qualified applicants are invited to apply in writing to Human Resources, Sara Smolej – Toronto Office in **English**, and include a recent copy of your resume. Please email your resume to: [hr@socan.com](mailto:hr@socan.com)

#### **SELECTION:**

Skills may be tested and selection will be based on factors such as past performance, previous related experience and alignment of personal skills and attributes to those required to perform the job.

#### **ACCESSIBILITY:**

SOCAN is committed to providing accommodations for disabilities. If you require an accommodation, we will work with you confidentially to meet your needs. Please direct any accommodation requirements to the HR department to ensure your accessibility needs addressed.



**WORKWEEK:**

X 5 DAYS

**DEADLINE:**

Applications must be received in Human Resources by **5:00pm Friday, October 13, 2017.**