Solutions Architect

fundserv — SME 2022 CANADA'S TOP SMALL & MEDIUM EMPLOYERS — GREATER TORONTO'S TOP 2022 EMPLOYERS

Who are we?

Have you ever wondered what makes trading and settlement possible in Canada? It's Fundserv—the online ecosystem that ensures every fund transaction is processed timely, accurately and securely. We're an online hub that electronically connects manufacturers, distributors, and intermediaries, enabling them to buy, sell, and transfer investment funds.

Our Culture & Values

Fundserv is guided by our four core values: Collaboration, Adaptability, Integrity, and Respect. Because above all else, Fundserv CAIRs:

- Collaboration
- Adaptability
- Integrity
- Respect

Benefits & Perks

Fundserv provides a comprehensive benefits plan that includes the following:

- Health care spending account
- RRSP with employer match
- Annual performance pay
- Wellness reimbursements
- Employee discount program
- Charitable donation matching
- Flexible hours & remote work options

To better support our employees during Covid-19, we've expanded our benefits:

- Work from home stipend
- Virtual social events including escape rooms, online trivia & games
- Corporate-wide mental health days
- Wellness account for gym memberships, exercise/sports equipment, mental health apps, and more

Location:
Downtown Toronto

Reports to:
Director, Architecture

Department:
Architecture Services

Fundserv is an equal opportunity employer. We welcome and encourage applications from individuals with disabilities. Accommodations are available on request – please let us know how we can meet your needs.

The Opportunity

Fundserv is embarking on a multi-year, multi-million dollar technology transformation program that focuses on currency, resiliency, security and agility. This ambitious transformation will completely redesign every façade of Fundserv's platform. We follow the Agile methodology principles, the collaborative practices of DevSecOps and will be leveraging the latest technologies and tools, such as a hyper-converged infrastructure, software-defined network, cloud, containers and APIs, enabling Fundserv to serve the industry better, and adapt to this ever-changing technology and investment landscape.

The Solution Architect's role is to analyze proposed and identified business requirements for new and existing business systems, and design and present efficient technical solutions. The role will gain business commitment for all business systems and software plans and evaluate and select technology solutions required to complete those plans. They will also apply proven communication, analytical and problem-solving skills to help identify, communicate, and resolve systems issues to maximize the benefit of IT systems investments. They will provide technical leadership across the company, from strategic decision making to project planning.

In this role, you will:
- Lead projects from a technical aspect by providing solution analysis, planning, architecture blueprints, of new applications and enhancements to existing applications.
- Meet with decision makers, systems owners, and end users to define business requirements and system goals, and identify & resolve business systems issues.
- Identify and develop operational plans across technologies and/or across systems ensuring compatibility & interoperability of in-house computing systems.
- Provide architectural expertise, technical design, technical direction, and assistance to other Solution Architects and mentor and coach Software Developers and SysOps analysts within the application development team.
- Assure completeness of deployment plans of new applications and enhancements to existing applications.
- Research software products and tools to justify recommendations and support purchasing efforts when selected as part of proposed technical solutions.
- Provide leadership on the design & end-to-end solutions for applications on cloud and on-premise platforms
- Research emerging technologies in support of solution development efforts and recommend technologies that will increase cost effectiveness and systems flexibility.
- Review and analyze the effectiveness and efficiency of existing technology/systems and develop strategies for improving or further leveraging these systems.
- Create and maintain conceptual, reference and target architecture, blueprints, adoption roadmap, principles, standards, patterns, tools and guidelines.
- Document & maintain Fundserv's existing business systems architecture and technology portfolio, make recommendations for improvements and/or alternatives, ensure that chosen technology architecture is updated or replaced, as needed; understands and balances the complete lifecycle of technical choices
- Define & document end to end technology solution for technology projects. Including software and hardware solution decisions.
- Perform cost-benefit and return on investment analyses for proposed solutions to aid management in making implementation decisions.
- Develop, document, communicate, and enforce a policy for standardizing systems and software as necessary.
- Stay abreast of industry technical and business trends through participation in professional associations, practice communities, and individual learning.
- Provide mentorship and guidance for other members of the team
- Where required, provides recommendations, explanations, guidance on their functional area to other teams in the organization

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Why YOU are the person we're looking for:

- University Degree in the field of computer science/engineering or information systems
- Minimum 5 years relevant experience; Experience in designing/architecting multi-tiered applications & batch applications in Java.
- Extensive experience in designing strategic solutions and architectural models for business systems, particularly in financial services industry
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- Hands-on experience with building complex applications from the ground up
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- Ability to own architecture and influence strategic direction and vision for the future
- Excellent knowledge of API/microservices development; familiar with API specification standards and tools, such as RAML, OpenAPI; Understanding of API management platforms and federated identity providers.
- Excellent knowledge in multi-tiered web application architecture and development. Previous experience with Web/CSS/JavaScript framework is a plus.
- Proven experience designing and implementing cloud-based applications, awareness of main public cloud offerings (Microsoft Azure, AWS or Google Cloud)
- Working knowledge in identity and access management solutions, SSO, OAuth, OpenID connect and API security
- Experience in addressing operational and non-functional concerns (e.g., horizontal & vertical scalability, performance, maintainability, load distribution, resilience, recovery, security and privacy).
- Experience with 12-Factor, Cloud Native Domain-Driven, CQRS, Event sourcing, messaging, streaming, sync/async, distributed systems, infrastructure patterns and architecture frameworks
- Experience with server virtualization and containers technology such as Docker, VMWare, HyperV, Acropolis
- Working knowledge of certificate management and Public Key Infrastructure (PKI).
- Proven experience in an agile and DevOps environment including experience with DevOps build automation tools (i.e., maven, Jenkins, Git, ansible, terraform etc.)
- In-depth technical knowledge of Unix/Linux based operating systems.
- Pragmatic, analytical, conceptual, and problem-solving abilities.
- Ability to conduct research into emerging technologies and trends, standards, and products as required.
- Superior written and oral communication skills.
- Excellent listening and interpersonal skills.
- Positive and energetic attitude, self-motivated with a willingness to take ownership and responsibility
- Results-oriented with a proven record of delivering to deadlines, able to multi-task and prioritize a wide range of tasks with an understanding of the big picture and interdependencies across processes and systems.
- An enthusiastic team player who enjoys sharing knowledge, experience and ideas, and is open to ideas and input of others.
- Strong organizational and time management skills

If this sounds like you, apply today at hiring@fundserv.com!