Washington University in St.Louis

Boyden Executive Search Contact

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Position Summary

The Senior Director Advancement Applications Architecture provides application design and integrations recommendations based on long-term IT organization strategy and established architectural standard which anticipates and supports future business and technical needs. Researches and maintains knowledge in emerging technologies and their application to the business, in particular the Salesforce platform and applications. Responsible for work that is highly complex and varied in nature. Viewed both internally and externally as a technical expert and critical technical resource across multiple disciplines.

Primary Duties & Responsibilities

Strategy

- Responsible for articulating and demonstrating the value of the architecture and new solutions to organizational imperatives.
- Utilizing, understanding of the mission, helps to develop an overarching technology strategy that supports the organizational needs by the cost-effective delivery of IT solutions.
- Leverages a high level of understanding of the organization's business and line of business applications to provide strategic direction, guidance and integration of products and services.
- Works closely with key functional partners across Advancement and other University departments and units to deliver enterprise-level applications and custom integration solutions that are reliable, scalable, and align to organizational priorities.

Design

- Leads team to deliver aligned and agreed to technical architecture strategies and roadmaps for the organization with a bias toward reducing complexity and simplifying the environment.
- Accountable for architectures and designs that can be effectively implemented, adhere to standards, and can be efficiently operated.
- Ensures technology solutions are architected appropriately for availability, accessibility, and scalability.
- Develops complex data integration solutions between applications and platforms, ensuring proper documentation is created.

Standards and Oversight

- Develops and implements architecture standards in collaboration with enterprise architects.

- Establishes and oversees the architectural governance for the organization and aligns the IT portfolio with the strategies that help meet the organizational vision.
- Delivers complete application life cycle management plans.
- Assesses emerging technologies and platforms for applicability to business requirements and imperatives.
- Develops an effective, consistent, and robust data integration practice, including defining best practices and development standards.

Leadership

- Manages a team of senior level application development professionals.
- Acts as an internal consultant, advocate, and change agent.
- Coaches or mentors' junior staff.

Performs other duties as assigned.

Working Conditions

- This position is normally performed in the offices located across campus as well as remotely.
- There may be activities that require trips to University offices and offsite locations.

Required Qualifications

- Bachelor's degree in a technical discipline such as computer science, information systems, engineering, or a related field.
- Seven years of experience in high-level information technology professional roles in one or many roles such as architect, product engineer, or product manager.

Preferred Qualifications

- Three years of experience architecting enterprise integrations on the Salesforce platform.
- Salesforce Certified Platform Developer II or Integration Architect.
- Experience developing integrations with iPaaS tools such as MuleSoft, Informatica, Jitterbit, or Boomi.
- Knowledge of enterprise and line-of business applications and application lifecycle.
- Experience with scripted data loader, web services, cloud or on-premises middleware and other enterprise integrating technologies.
- Solid understanding of and detailed experience with Salesforce.com architecture and API.
- Experience integrating Salesforce with other applications via real-time, batch, sync/async.
- Experience developing and supporting integration frameworks in Apex.
- Experience working in higher education, especially advancement, and an understanding of the landscape of third-party solutions and their business cases.
- Experience with large scale application development and support models.
- Experience with technology transformation and integrating large and small package products.
- Understanding of relational data models.

- Demonstrated expertise in leading technical design projects during all phases of development and deployment and ongoing maintenance.
- Demonstrated progressive experience successfully designing, delivering, and/or supporting IT business solutions for large-scale organizations.
- Demonstrated knowledge and experience in transforming architecture of deployed applications without business disruption.
- Expertise regarding the integration of applications within the line of business.
- In-depth knowledge of state-of-the-art programming languages and object-oriented approaches in designing, coding, testing, and debugging programs.
- Ability to learn quickly and adapt to new circumstances.
- Ability to effectively communicate technical issues.
- Strong sense of ownership and willingness to act as an individual contributor as well as a leader.
- Flexibility and willingness to work extended hours as necessary and recognize the need to do so.
- Ability to adjust scheduled time.
- Ability to establish staff and departmental goals and objectives that are measurable.
- Ability to adjust to abrupt changes in priorities and strategy.
- Strong diplomacy, negotiating, and facilitation skills.
- Ability to interact comfortably with all levels of management.
- Demonstrated skills in project management and analysis, negotiation, systems analysis, leadership, process improvement, strategic planning.
- Ability to recognize archetypes and design patterns within applications and business processes.
- Ability to work independently, accurately, and proactively.
- Proven ability to creatively solve problems and to influence outcomes through persuasion, effective communications and relationship building.
- Excellent analytical and organizational skills including ability to adapt to a dynamic project environment and manage multiple projects.
- Excellent interpersonal and communication skills with the ability to build relationships, influence outcomes, and to liver effective presentations to a variety of audiences.
- Demonstrated leadership qualities such as conflict/issue resolution.
- Ability to organize and work effectively in a matrix organization with cross-functional project teams from various departments and locations.
- Ability to drive the development of an IT application architecture strategy in support of business goals and objectives and anticipating future needs of the organization.
- Ability to develop and execute on an architecture vison to minimize future maintenance challenges and anticipate future needs of the organization.

Boyden Contacts

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About Boyden

Founded in 1946, Boyden global executive search was the first firm to focus entirely on retained executive search. Others would soon follow, using many of the basic tenets and principles that Sidney Boyden put in place: maintaining a strict code of ethics and standards; establishing a global presence; creating uniform processes; and working with highly experienced business partners. These aspects of Sidney Boyden's vision are still in use today.

Boyden continues to be a leader in the executive search industry. Through the ever-expanding use of cutting-edge technology, while always adhering to strict ethical standards, we remain true to our rich heritage as the founders of retained executive search. We cover the globe with over 70 offices in more than 40 countries, led by resident professionals adept at working in a global economy. We are poised to help our clients find the people who will lead them today and into the future. In addition to retained executive search, Boyden works with clients seeking advice regarding their Boards. We also assist clients with interim management and leadership assessment.