

## Solution Architect

### Job Summary

The Solution Architect (SA) evaluates all business and technical requirements considering the overall enterprise architecture to design technology solutions. The role serves as an ambassador to business and technology stakeholders and interprets business needs while applying analytical skills to design, describe and manage a solution to fruition. The SA is not only in charge of finding answers and solutions to problems, but also of actively leading the technical vision to success. The SA role works closely with project managers, ensuring that all parties, including stakeholders, are on the same page and moving in the right direction at all stages of a project.

### Responsibilities

- Interprets business needs and applies innovative technology and business process solutions
- Develops design artifacts (technical/functional specifications, architectural diagrams, etc.) at required level of detail to support high-level solution development and testing
- Understands how the different elements of business, information and technology can be applied to solve a specific problem
- Describes the structure, characteristics, behavior and other aspects of the software solution to project stakeholders
- Upon completing a solution design for an existing problem, works closely with the project managers to manage the technical tasks and activities that are involved with its successful implementation
- Works effectively in a matrix organization with teams of architects, developers, testers, infrastructure engineers and business partners with minimal supervision
- Expresses ideas verbally and in writing to effectively communicate with and influence teammates, technology partners, business leaders and executives
- Provides strategic and tactical architecture direction to development/delivery teams aligning to enterprise strategic plans, annual goals and technology roadmaps
- Prepares materials for Enterprise Architecture reviews that demonstrate the alignment of the software delivery to enterprise practices and roadmaps
- Provides industry, technology and market expertise and thought leadership to support and guide business decisions around strategic investments in technology solutions
- Assists IT leadership team in defining vision, strategy, and principles for future technology platforms



## Responsibilities Continued

- Assists Quality Assurance team in design and implementation of test automation practices and harnesses
- Understands how technology is, or will be used, and implication on people, processes, products and technology
- Leverages technical expertise of peers and external resources as needed to ensure high-quality, effective solutions are delivered
- Recognizes and identifies potential areas where existing policies and procedures require change, or where new ones need to be developed, especially regarding future business expansion and makes proactive recommendations to IT leadership to implement necessary changes

## Qualifications

- Bachelor's degree in information technology, computer science or STEM related field required
- Four year's experience as a technical architect or solution architect utilizing Microsoft platform technologies in the areas of enterprise-level technology strategy, solution architecture, and integration architecture required
- Minimum eight years general IT experience required with at least three years as an application developer preferred
- Experience managing relationships, coalitions and communications with senior business and technology leaders to influence desired outcomes without direct authority required
- Experience in complete life cycle of design, development and implementation of software projects using agile frameworks required
- Proven success driving business technology strategies that lead to desired outcomes
- Ability to understand how to navigate a complex organization, understand the big picture, and interface with external teams to leverage technology in alignment with our strategies
- Ability to estimate the financial impact of technical architecture alternatives
- Experience in presenting and demonstrating solutions to business and technology teams
- Experience delivering formal designs to teams of developers
- Ability to work in a fast-paced, dynamic, team-oriented environment
- Ability to work independently
- Strong attention to detail



### Qualifications Continued

- Strong troubleshooting and problem-solving skills
- Strong verbal and written communication skills
- Ability to manage data and metadata migration
- Ability to communicate ideas in both technical and user-friendly language
- Highly self-motivated and directed, with strong attention to detail
- Able to prioritize and execute tasks in a fast-paced environment

<sup>1</sup> College or university must be sufficiently accredited and listed in the U.S. Department of Education Accreditation Directory.

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