



Title: Sr. Solution Architect

Location: Albany, New York

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Job Description

Sr. Solution Architect

The Senior Solution Architect serves as the senior technical resource and the technical solution expert on our client's engagements teams. This role works directly with our client's customers to understand their highest priority business needs and then architect and implement creative solutions that meet the needs of the customer. The ideal candidate will have in-depth knowledge of systems architecture with a proven track record of designing and implementing technology solutions in a large, complex environment. This candidate must also have good organizational skills, including the capability to break down complex enterprise needs spanning multiple applications into multi-phased, integrated solution plans that can be implemented by our client's team. The Sr. Solution Architect must possess a deep knowledge in multiple technology areas that allow them to integrate between the various technologies in use in an enterprise environment. Being a key part of the delivery team, the Sr. Solutions Architect should expect to spend about 35% of his or her time architecting solutions with the balance being participation in a hands-on delivery role, designing and building solutions.

Specific Activities and Responsibilities

- Coordinates complex technical projects and initiatives across technology and functional lines, providing leadership for technical and non-technical team members.
- Provides expertise surrounding idioms within procedural, object oriented, aspect oriented, rules-based, workflow-based and service oriented paradigms
- Leads architecture redesign efforts including reverse engineering, future-state designs, to-be migrations, logical and physical mappings
- Assures alignment between business and IT in terms of strategies, goals and objectives.
- Participates as a member of the company's delivery teams responsible for designing, integrating, and building enterprise solutions.
- Understands and provides leadership around security throughout all SDLC phases and all tiers of the architecture and the systems running within the architecture. This includes identity management solution approaches.

- Conduct and participate in architecture reviews to capture business objectives and walkthrough architecture solutions.
- Provide technical leadership to other consultants and lead teams in the completion of complex engagement solutions.
- Manage sets of resources crossing multiple projects, including balancing and adjusting to anticipated and unanticipated project needs.
- Identify and articulate one-time versus reusable solution aspects, documenting and publishing reusable solution components across the company.
- Support Business Development efforts in architect-driven pre-sales initiatives
- Perform other duties as indicated

Skills and Experience Required

- Has mastery across common artifacts used in common SDLCs. For example UML, entity Relationship, Flow charts, System diagrams and network diagrams
- Proficient with a set of programming and scripting languages, understanding the requirements, strengths and weaknesses of each
- Well versed in enterprise IT operational issues such as clustering, cloud-based solutions, multi-threading, stateless/stateful services and 24/7 operations.
- Ability to translate business needs into solution architecture requirements
- Ability to define multiple solution options to business problems.
- Ability to quickly comprehend the functions and capabilities of new technologies.
- Ability to articulate the effect of technology on business.
- Knowledge of consultative skills including analysis, influencing, negotiation, account management and relationship building.
- Ability to form strong and trusting relationships with clients, vendors and team members
- Deep understanding of database design and technology including tuning, normalization, warehousing, data mining, and reporting.
- Thoroughly versed in web technologies including web services, AJAX, web page generation and scripting.
- Diverse hands-on experience leveraging Service Oriented Architecture (SOA) paradigms including infrastructure service options, messaging styles, and canonical design.
- Knowledgeable with network and application service-based solutions such as proxies, load balancers, caching and service buses
- Conversant with networking technologies and approaches such as routers, firewalls, load balancers, IPS/IDS, VPNs, sub-nets and DMZs.
- Experienced with multiple open source and COTS solutions for each architectural tier (e.g. network monitoring, database management, reporting, SDLC documentation, SCCS, application development, content management, middleware, testing, deployment and application monitoring)
- Excellent interpersonal and written & oral communication skills
- Strong analytical and problem solving skills
- Capable of working independently
- Effective team member and leader
- Passion for excellence and an entrepreneurial spirit to develop future business
- Must be willing to travel 80%