



SEABROOK

TECHNOLOGY GROUP

Job Description

Solution Architect (SA)

Confidentiality

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JOB DESCRIPTION	
Job Title: Solution Architect (SA)	Exempt
POSITION SUMMARY	
<p>The Solution Architect will provide architectural guidance during establishment of business requirements, scoping, and high-level design of a solution, based on significant prior experience in architecting successful solutions. The Solution Architect will also lead projects, mentor resources, and face senior executives in the client's organization.</p>	
GENERAL ACCOUNTABILITY	
<p>Key Responsibilities:</p> <ul style="list-style-type: none">• Experienced in Manufacturing Processes and Technologies to provide business analyst and strategic design services, combining products and reusable components with strategies for integration of system, machine, and user interfaces, as well as high-level model decisions to meet the business requirements• Develop strategic relationships with the client's: solution director, project manager, implementation team, key stakeholders and business / project sponsors• Provide superior level customer service• Gather / vet high level requirements• Gather / vet detail requirements• Collaboratively author detail design specifications• Extend object and logic model based on detailed design• Assist with User Interface (UI) design and development• Identify / assist with touch point definition to support interface requirements• Provide upgrade services to existing clients• Provides hands-on assistance and mentoring related to project implementation, configuration, testing and software validation• Provide knowledge transfer to the customer team responsible for training, support, validation and deployment• Well versed with all Seabrook products, "mini" apps, offerings and accelerators• Capable of intelligently up-selling services and offerings to clients• Capable of understanding the importance of BI and where it fits in the overall MES/MOM solution• Capable of assisting with product offering strategy and design• Troubleshoot customer issues<ul style="list-style-type: none">○ Provide timely, accurate, and friendly support to the customer base, both internal and external○ Reproduce issues in-house, if necessary, for troubleshooting and testing• Provide Internal support<ul style="list-style-type: none">○ Assist internal consulting, training and education resources as requested○ Assist internal consultants with problems that arise in the course of an engagement• Documentation<ul style="list-style-type: none">○ Create postings to Seabrook's forum / knowledgebase that assist consultants with "self-help" troubleshooting and provide answers to common situations / errors	

<ul style="list-style-type: none">○ Assist with maintaining any relevant SOPs for job functions● Other Duties<ul style="list-style-type: none">○ As assigned on a project basis● Mentoring<ul style="list-style-type: none">○ Provide general leadership to Seabrook team in areas of expertise○ Assist with training entry level consultants <p>Travel Required:</p> <ul style="list-style-type: none">● Consultant should be prepared to travel up to 75% of the time● Travel required based on:<ul style="list-style-type: none">○ Customer requirements○ Milestone delivery○ Successful execution of assigned tasks
CERTIFICATIONS
<ul style="list-style-type: none">● MESA International Certificate of Competency (CoC) for MES/MOM Methodologies
OPCENTER ACCOUNTABILITY
<p>Key Responsibilities:</p> <ul style="list-style-type: none">● Provide guidance regarding factory modeling and best practices (like use of hierarchies and current value expressions [CVE])● Extend factory model using Designer tool● Assist with UI development using Web Application and / or Portal● Assist with Interface development using COA and / or CIO (Opcenter Interoperability)
OPCENTER EXPERTISE
<ul style="list-style-type: none">● Classes / Trainings<ul style="list-style-type: none">○ Exploring Manufacturing○ Exploring Feature Modules○ Exploring Opcenter Quality Model○ Exploring Opcenter Feature Modules (CQ)○ Object Design (Designer)○ Advanced Object Design (Designer)○ Portal Studio User○ Opcenter boot camp<ul style="list-style-type: none">▪ COA and / or CIO▪ SPC○ Attain Opcenter Expertise<ul style="list-style-type: none">▪ Modeler▪ Designer (Professional)▪ Integration▪ Solution Architect
EXPERIENCE / QUALIFICATIONS
<p>Skills and Abilities Required:</p> <ul style="list-style-type: none">● Proven ability to provide strategic direction● Strong leadership skills● Ability to work collaboratively in a team environment

Solution Architect (SA)

- Strong troubleshooting skills
- Experienced working with multiple disciplines within a company
- Ability to multi-task
- Strong communication, organizational and documentation skills
- Attention to detail

Experience:

Required:

- 5– 8 years of experience as a senior systems analyst, senior database administrator, or other IT management experience
- 5 – 8 years of experience in architectural design involving MES/MOM applications, integration with other major applications (ERP, HMI / SCADA, APS, PDM, etc.)
- Familiar with integration approaches, framework technologies, or other application integration toolsets
- Understanding of manufacturing operations
 - 2 – 4 years working in a manufacturing environment / discipline

Desired:

- Experience working in a consultative role with clients
- Experience with Medical Device or Regulated Industry
- Experience with Validation and Verification

Optional:

- Programming / Development Experience

Computer Equipment and Software Requirements:

- Windows Operating Systems
- Familiar with relational databases

EDUCATION

B.S. in Information Science, Engineering, or related Field (or the equivalent experience) plus a minimum of three years related experience.

Disclaimer

This job description in no way states or implies that these are the only duties to be performed by the employee(s) incumbent in this position. Employee(s) will be required to follow any other job-related instructions and to perform any other job-related duties requested by any person authorized to give instructions or assignments.

A review of this position has excluded the marginal functions of the position that are incidental to the performance of fundamental job duties. All duties and responsibilities are essential job functions and requirements and are subject to possible modification to reasonably accommodate individuals with disabilities. To perform this job successfully, the incumbent(s) will possess the skills, aptitudes, and abilities to perform each duty proficiently. Some requirements may exclude individuals who pose a direct threat or significant risk to the health or safety of themselves or others. The requirements listed in this document are the minimum levels of knowledge, skills, or abilities.

