JOB DESCRIPTION

Job Title: Technical Solutions Architect
Location: Davidson, NC or home office
Job Grade:

Reports to: Solution Delivery Manager
Department: Engineered Outcomes Group
FLSA Status: Exempt

Summary job description

Develop software solutions for clients leveraging as much COTS products sold by InSource as possible. Prepare technical specification and delivery documents. Participate in discovery and assessment site visits and generate documentation as required. To date, the application solutions have included information/data acquisition, reporting systems, manufacturing execution systems that include Downtime, OEE, and Quality, Energy systems, and include plant floor automation connectivity. Responsibilities include software solution architecture, design, development, their support, as well as internal and client facing application and systems consulting.

Essential job functions

- Work independently and as part of a project team to provide technical services for customers that could include:
    - Technical discoveries
    - User requirements definition
    - Manufacturing systems assessments
    - Solution development services
    - Technical project oversight
    - Implementation services
    - Technical documentation of above
    - Solution support services
    - Report development services
- Engage directly with our consultants and customers via telephone, email and on-site as required
- Serve as Technical Lead during customer requirements analysis meetings and interviews to collect project business and technical information and then support the Program Manager or consultants in generation of the base document and technical estimate
- Provide technical input for customer engagements exploring improvements via process changes supported by technical solutions
- Develop and provide technical leadership to implement solutions by configuring product applications and customizing them to project needs
- Develop a trusted advisor status through ongoing relationship development and assistance to project client accounts
- Engage specific System Integration partners and manage technical relationship for specific project functions and awareness of suitability for participation in client projects

Minimum job requirements

- **Education:**

- o BS Degree in Computer Science or Engineering disciplines

- **Recent Experience/Skills:**

  - o Demonstrated experience with Windows Server platforms (Minimum 2 years)
  - o Demonstrated experience with Relational Databases design/implementation experience providing database served reporting and analytics in Windows environments (Minimum 4 years)
  - o Demonstrated experience Visual Studio ASP.NET (Minimum 2 years).
    Languages should include:
    - ▪ Databases: SQL
    - ▪ Programming: .NET C# and/or VB
    - ▪ Web Apps: HTML5, CSS, JavaScript and others
  - o Experience using SCADA/HMI data sources (Minimum 2 years)
  - o Experience in developing Requirements, Design, and Technical Specification documents including data-based systems and data integration (Minimum 2 years)

- **Preferred Skills:**

  - o Solution development experience with Wonderware core and advanced products that include:
    - ▪ System Platform components like App Server, Historian & InTouch
    - ▪ MES (Performance, Operations and Quality(SPC/SQC)) or competitors
    - ▪ Energy Monitoring systems like CEM or competitors
    - ▪ Intelligence or competitors

- **Specialized knowledge, licenses, memberships, etc.:**

  - o Microsoft, Schneider Electric (Wonderware), SAP, Oracle
  - o MESA, OPC, MIMOSA

- **Other:**

  - o Excellent interpersonal skills; ability to engage at all levels of the client organization from operator to executive
  - o Proven analytical and troubleshooting skills
  - o Detail oriented
  - o Organizational and follow-up/through skills
  - o Strong communication skills
  - o Self Starter desiring to learn and be challenged technically and in understanding product/process applications to the client environment
  - o Proven success in taking initiative to plan for and resolve issues
  - o Willing to travel and work interdependently in a remote setting (about 50% overnight)

Supervisory Responsibility: none

Work Conditions: General office or home office environment and customer manufacturing site visits. May require standing, walking, climbing stairs, light lifting, sitting, etc. Some elevated noise levels exposure. Up to 50% overnight travel required.

<u>Finally:</u> Qualified candidates please send your resumes to hr@insourcess.com along with a "What Motivates Me" statement, and any pertinent information you feel necessary to support your application.