

Industrial IoT Engineering Consultant

Company Description

WCG is a consulting firm focused on navigating clients through the process of identifying operational and customer-facing improvement opportunities achieved by the integration of advanced, connected technologies, systems, and solutions.

WCG provides expertise and services for the manufacturing (Smart Manufacturing), utility/energy (Smart Energy), and municipal government (Smart Cities) spaces. In each space, WCG leads its clients through the entire project lifecycle by performing the following core services:

- 1) Needs Assessments / Gap Analyses
- 2) System / Solution Selection & Sourcing
- 3) Solution Implementation Assistance
 - a. Process Design & Re-engineering
 - b. System Architecture
 - c. Project Management
 - d. Data Analytics / Business Intelligence

Our focus is on capitalizing project ROI by re-engineering and optimizing core business processes, pairing long-term company priorities / initiatives with advanced and sustainable technical solutions, delivering tactful change management, all while driving a cost-efficient and risk-averse approach to project management and solution delivery.

Opportunity

WCG's Smart Manufacturing Division is looking for innovative leaders who will partner with WCG clients to identify and implement process improvement opportunities through a combination of integrating connected IoT devices, utilizing data analytics / business intelligence tools, introducing a more empowering technical architecture, and performing general process design and re-engineering.

Job Description

Industrial IoT Engineering Consultant

The Industrial IoT Engineering Consultant will be a key resource for the Needs Assessment / Gap Analysis and Implementation Assistance project stages. The ideal candidate will have a background in either Manufacturing Systems Technology, Operational Technology, Industrial Internet Solutions, and/or factory automation practices. This consultant will be responsible for performing an exhaustive review and evaluation of the client's manufacturing processes, identifying improvement opportunities that pair advanced system solutions available in the market with operational efficiency gains, and then leading the production process re-design efforts during the implementation and roll-out.

This consultant will be customer-facing and asked to deliver and present innovative yet viable solutions to the client teams. These engagements will vary in team composition and required

services – some engagements will require this consultant to lead an engineering team and others will require this consultant to play a support role.

Responsibilities include:

- Conduct exhaustive reviews of our manufacturing clients' production processes and analyze them to determine areas for efficiency improvement and process optimization
- Identify system / product solutions that leverage connectivity and data analysis to best match and deliver the client's improvement opportunities
- Assist clients in determining their ideal future states for business processes, customer interactions, and all technology touchpoints
- Develop specific, unambiguous functional and technical requirements for the purpose of evaluating and differentiating technology solutions as part of an RFP process
- Lead the efforts in re-engineering, testing, and delivering production process design, including process / routing design, FMEA, standard vs actual calculations, collecting / measuring all variances, Poka-Yoke design, CNC programming, etc.

Location / Travel

The Industrial IoT Engineering Consultant position requires up to 50% travel to work from client sites. All other time can be completed remotely or from home when not traveling.

Minimum Experience

- Bachelor's Degree in Engineering or related discipline
- Minimum 3+ years relevant manufacturing engineering experience
- Experience designing processes and improving efficiencies (Six-Sigma accreditation a plus)
- Experience leading other engineers throughout process design and roll-out
- Broad knowledge of machine tools, CNC machines, and production software / systems

Preferred Experience Resume Submittal

- Wide-spanning business process knowledge (i.e. understanding of upstream / downstream functional areas and effects: product design, IT & systems, data analytics, finance/acct, operations, quality assurance, packaging, logistics, etc.)
- Work experience with Cloud solutions architecture, specifically building Cloud-native applications (e.g. AWS, Azure) including migration of existing application to the Cloud
- Experience reporting and presenting to director-level management
- Project Management experience (PMP a plus)
- Business Application / ERP experience

Resume Submittal

- Please submit your resume to Jobs@wcg-consulting.com

*Qualified applicants will receive consideration for employment without regard to their age, race, religion, national origin, gender, sexual orientation, protected veteran status or disability. It is WCG's policy to encourage diversity in hiring, recognizing that this enriches the work environment for all associates and that a broad variety of perspectives enhances decision-making and creativity. WCG is an Equal Opportunity Employer
Minority/Female/Disability/Veteran.*