

Senior System Engineer Job Description



Company Overview

Klett Consulting Group is looking for experienced System Engineers for our federal sector clients. We have extensive experience delivering innovative solutions to our DOD and other Federal Agencies clients for the last eight years. Our engineers deliver state of the art capabilities and provide a wide range of engineering solutions to the most challenging information and system problems of the day. Our products include:

- Technical and management solutions that help our clients create the future.
- Leadership in the development of architectural frameworks while managing the development of these frameworks with coherent and consistent architectural views. A KCG Engineer is responsible for establishing the scope, architectural principles and vision for their clients.
- Architecture artifacts benchmarked with engineering rigor and operational integrity.
- Architecture products developed in accordance with Department of Defense Architecture Framework (DoDAF) format, Federal Segmented Architecture Methodology (FSAM), and other standardized formats as directed by our customers to facilitate interoperability and integration of both systems and business processes.

Position Requirements

The System Engineer position requires the following capabilities and skills:

- Ability to develop a complete set of architectural views for an enterprise in accordance with the common architecture frameworks (e.g. DoDAF and FEAF).
- Strong business analysis skills and experience, including development of business vision and strategies, functional decomposition, requirements capture, process modeling.
- Experience with 'system of systems' architecture development, partitioning of functionality among applications and components, and application interfaces/interoperability concerns.
- Experience in software development methodologies and structured approaches to system development.
- Awareness of systems management and operational support tools.
- Security and/or infrastructure experience would also be a significant benefit.
- Must be proficient acting in and leading integrated process teams, as well as coordinating and communicating customer requirements.
- Hold an advanced degree MS in System Engineering or similar discipline. Project Management Professional certification also desired.
- Comfortable leading a team of professionals within the business, application/systems, data/information and technical architecture disciplines. Must have excellent communication skills to be able to clearly explain the benefits of an architectural approach to clients and stakeholders.
- Have broad and diverse background in such areas as: business analysis, applications/systems engineering, and information operations/architectures.

Responsibilities

- Lead one or more architecture development assignments across several clients, working closely with the KCG clients and personnel to manage the deliverable schedule accordingly.
- Coordinate the activities of others (internal staff, client staff, subcontractors, associates and staff from collaborating and/or competing suppliers) and manage stakeholder expectations and requirements.
- Ensure that the aspects of the architecture are driven by the business imperatives/client requirements of the organization and that the requirements driving the overall architecture are managed consistently and effectively.
- Present the strategic benefits of adopting a consistent architectural approach.
- Assess requirements and present System Engineering based recommendations that are in line with the strategic vision for the enterprise and wider best practice.
- Ensure that the various views comprising enterprise architecture are consistent and coherent, developed at an appropriate level of detail, and that changes are controlled so as to maintain consistency.
- Advise on and participate in the governance processes established to ensure that the enterprise architecture delivers the desired benefits to client organizations.
- Serve as a subject matter expert for architectural frameworks, methods and tools.
- Advise and assist KCG personnel, client personnel, and external architecture consultants in any architecture disciplines.