



Example of Systems Technical Specialist Job Description

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Our innovative and growing company is searching for experienced candidates for the position of systems technical specialist. Please review the list of responsibilities and qualifications. While this is our ideal list, we will consider candidates that do not necessarily have all of the qualifications, but have sufficient experience and talent.

Responsibilities for systems technical specialist

- Lead Architecture update and alignment of DoDAF 2.0 compliant Operational View (OV), System View (SV) and Service View (SvcV) products
- Apply knowledge of engineering principles and practices across the development and maintenance of subsystem and component level requirements to ensure engines perform the necessary functions and subsystems and components of engine and aftertreatment systems work together
- Utilize knowledge of product integration, verification and validation concepts to develop and design components and subsystems
- Utilize engine product integration skills to lead the creation or mapping of tests to meet project requirements
- Create system test plans balanced with budget and appropriate risk mitigations to evaluate how multiple components work together, interact in their performance, and to identify unintended consequences of subsystem and components working together
- Responsible for architecture, production of concept designs to establish the functional allocation of subsystem requirements
- Apply product risk management concepts including risk identification, risk management planning and monitoring to mitigate and control risks across multiple projects

- Provide technical guidance for the development and maintenance of requirements for engine and aftertreatment component and sub-system processes
- Apply knowledge of Requirements Engineering to develop and maintain engine products project requirements

Qualifications for systems technical specialist

- Familiarity with NGA ISP/ASP Model
- 16+ years in Systems Engineering or related field, with 10 years of recent agency-specific experience
- 5+ years in solution architectures supporting a mission critical operational and solutions development effort
- 4+ years in architecture development and analysis (DoDAF), requirements analysis
- Experience using relevant architecture tools
- Knowledge of Database architecture and supporting development efforts as SI