



Example of Systems Architecture Job Description

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Our innovative and growing company is looking for a systems architecture. 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 architecture

- Support of hybrid architectures will include developing solutions for architecture mismatches using gateways, ensuring OBD, safety, and brand requirements are understood and driven into the requirements
- Creating and maintaining PTEE Architecture related system diagrams to support overall EE Architecture cross-functional communication
- Lead teams of engineers who are responsible for partnering with the business in scoping out the future of messaging and supporting operations ensuring consistent customer experience
- Responsible for the system architecture, design, specifying system and subsystem high level and low level requirement
- Provides systems engineering technical expertise on major system acquisitions and oversees project and program integration
- Provides guidance on engineering management for implementation, process and technology management strategic planning, and integration
- Formulate and document technical and acquisition strategies
- Decomposes high-level requirements into functional and non-functional requirements
- Write system level documentation
- Lead a world-class team of architects responsible for building OT systems for transportation and logistics applications

Qualifications for systems architecture

- 10+ years of RF systems engineering and architecture experience
- Ability to develop detailed system architecture and design documentation
- Familiarity with RFIC design and development process is preferred
- Experience with RF system simulation tools such as ADS Ptolemy, SystemVue, AWR VSS, or Matlab
- 3+ years (combined) experience in automotive controls or systems engineering