# Example of Engineer, Systems Architecture Job Description



Our innovative and growing company is looking to fill the role of engineer, systems architecture. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for engineer, systems architecture

- Design the plan of record for technical integration, technical alignment or joint development projects
- Provide on-going information exchange and "own" key technical relationships at relevance at the partner and interact with them regularly and on-going
- Provide the technology elements of the offer that will be taken to market by the partner, by us jointly or by our collective channel
- Build the Partner specific content to be use for awareness, enablement and by the field technical resources to architect joint solutions in the field
- Train the theatre Partner SMEs on solution offerings, best practices and serves as a "level 3" help resource for deals involving partner solution
- Have a conscious plan to continue to look for insertion points for CVLT technology into the partner's evolving plans as understanding, trust and loyalty is gained
- Be the interface between Partner, BU, CTO, Development that owns the commitments and timing of deliverables agreed with partner to advance our joint offerings or base line requirements
- Evaluate and develop new innovations and technologies, bringing the technology to life via demos, proof of concepts, lab and field trials
- Leverage a model based approach to architecting, defining, and analyzing complex systems involving a mix of hardware and controls for electrified vehicle powertrains
- Develop core systems engineering work products including use cases,

## Qualifications for engineer, systems architecture

- 3+ years transportation industry experience
- 2+ years powertrain systems design experience
- 3+ years transportation OEM/Tier One experience in electrical systems engineering or component design and release
- Assess current communication strategies within the vehicle, and between the vehicle and outside devices or services
- Work closely with Security and Safety architects, security and network teams to define related system requirements for inter-ECU communication
- Collaborate with other technology teams to refine and standardize protocols and APIs that exchange data with Internet-connected devices and vehicles