

Job Description for Vehicle Integration –

1. Concept selection & Design of system integration with design tool DFMEA, DFS, DFM, etc.
2. Responsible for engineering change releases.
3. Carries out design analysis to support the development of safety.
4. Prototyping of system, Interaction and follow up with suppliers to decide of special materials used.
5. Coordinate with R&D for NEW PRODUCT DEVELOPMENT.
6. Evaluation of system level requirements, interfaces and application requirements into performance, functional & non-functional requirements of each subsystem.
7. System analysis for performance, response rate, efficiency, system testing and release as per design
8. Interface analysis of system with vehicle level Inputs / outputs, its functions and error reaction.
9. Transferring the vehicle level requirements into SW level function requirements
10. Active participation in technical discussions and requirements analysis with customers and internal stakeholders.
11. Support and Development of platform concepts for electric vehicle functionalities.
12. Troubleshoot the reported problems and resolve them in a timely manner.
13. Timely closure all technical documentation and report release.
14. Very good knowledge and/or experience on various power flow, architecture about vehicle powertrain .
15. Good knowledge and/or experience in working with various types of sensors, actuators, electric motors, battery types, electronic control unit's architecture, etc.
16. Enthusiastic about working on Vehicle with problem solving mindset
17. Understanding about the component drawing and its specifications released for the 3D model.
18. Hands off experience in Creo software, power point, excel sheet, etc.
19. Good presentation knowledge, soft skill, interaction with management and team.