

# FUTURE JOB ROLES



**ENGINEERING AND RESEARCH & DEVELOPMENT**

**FUNCTIONAL SAFETY PROJECT MANAGER**



In modern cars, 90% of the functions are controlled by software, electronics and mechatronics.

Electronic and software faults can lead to failures in cars which can be hazardous, such as e.g. no steering, steering blocking, no brake, self-driving car decisions etc.



The use of software and electronics in the car leads to potential hazards that need to be managed in automotive projects. Norms like ISO 26262:2018 - Road Vehicles Functional Safety Standards need to be considered in the homologation process of cars.



The new emerging functional safety project manager role requires to set up a functional safety plan for the project, tracking the coverage of safety related work products and methods, safety requirements and safety tests.

Also safety assessment and audits need to be planned according to norms like ISO 26262.

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