

Functional Safety Engineer

London, UK

Job ID: 220117-01

About us

We are a team of experienced and passionate engineers who care deeply about the future of mobility. We believe that autonomous mobility has over-promised and under-delivered for too long and we have the keys to change that. We're using the latest advances in connected and automated driving and an innovative solution approach to urban mobility to completely change the way people and goods are moved in cities and beyond. Our core product is a remote driving software stack that enables safe and comfortable remote control of autonomous vehicles over a wireless network.

About the position & what you'll own

We are looking for an experienced functional safety engineer to own and deliver the functional safety and risk management work products for our remote driving stack. You work closely with the engineering teams in the ISO 26262 process implementation at the system, software and hardware levels. Your responsibilities will include:

- Close collaboration with cross-functional leaders to develop a vehicle safety strategy, including both classical methods (ex. hazard analysis, DFMEA, FMEA, FTA, ISO 26262 guidelines) and novel techniques suitable for our application.
- Lead and support internal and external ISO 26262 effort, generating work products and documents required by the ISO 26262 standard.
- Perform detailed systems reliability analyses (ex. FIT rates, probabilistic failure analysis, etc.)
- Write detailed safety requirements at the system, software and hardware levels.
- Actively steer product development, quality and reliability conversations to ensure that functional safety is a key consideration in all decisions.
- Be a champion of safety culture within the company.



Sandip Gangakhedkar
CTO

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About you & what you bring

- 3+ years of working in system safety, functional safety, or other safety-critical engineering positions.
- Demonstrated experience setting up processes for assessment, analysis, test, verification and validation of automotive safety critical systems.
- Direct engineering contributions to systems and products that have been commercialised or passed safety compliance checks.
- Strong fundamentals and practical experience applying ISO 26262 to a commercial or soon-to-be commercialised product.

Highly desirable

- Functional Safety Professional certification or similar.
- Experience working with autonomous vehicles or other autonomous systems.
- Master's degree or PhD in a related engineering field.

For questions and to submit your CV and cover letter contact Sandip.