Development Engineer (m/w/d)

MdynamiX is innovation partner in solving complex research and development tasks in the automotive industry. For us, the focus is on the individual with their emotional needs and their demand for a comprehensive and attractive driving experience. Our areas of expertise include vehicle dynamics & ride quality, automated driving (ADAS/AD) and acoustics & vibration technology. We offer our customers methods and solutions for the effective and efficient development of brand and model-specific characteristics. These include software and hardware tools as well as research and development services in which we use the most sophisticated simulation and test environments. With the MXacademy, we train our customers' employees to be ready for the challenges of the future. As an affiliated institute of the Munich University of Applied Sciences and partner of the Kempten University of Applied Sciences, our customers benefit from access to the latest research knowledge and modern facilities.

Your tasks:

- Mechanical design and assembly of components
- creation of production drawings
- Commissioning of the communication between control, measurement technology and drive systems (EtherCAT)
- Carrying out characterization measurements of the MXsteerHiL components and steering systems
- Construction of simulation chains:
  - Commissioning of the vehicle models on real-time systems such as ASM on Scalexio, Carmaker on Xpack4, or similar
  - Transfer of target and actual control values to the vehicle model
  - Commissioning of the remaining bus simulations for steering systems
- Project management
- Organization of production parts and purchased parts
  Internal organization of assembly of power electronics and test bench hardware

Your profile:

- University degree or comparable training in mechanical engineering, mechatronics, automotive engineering, electrical engineering, or similar.
- Knowledge of real-time systems such as Scalexio or Xpack4 would be an advantage
- Experience with common MS Office programs, CAD software Creo or SolidWorks is desirable
- Good knowledge of spoken and written English and German
- Dedication, sense of responsibility, team spirit
- Independent, conscientious, performance-oriented work

We offer:

- a job (part-time/full-time) in an innovative environment in the automotive industry with flexible working hours
- a responsible and varied job within a young, successful and very committed team as well as flat hierarchies
- a future-oriented job and performance-related remuneration

Your contact person:

Manuel Kress

E-Mail: manuel.kress@mdynamix.de