When it's time to reflect on the path you've travelled, you'll be glad you chose the right vehicle.

We are looking for you as:

Senior engineer closed-loop simulation XiL (f/m)

Code number: PE-D-1070-E

Tasks:

- Build-up of dynamic simulation models with Matlab/Simulink and Stateflow for closed-loop software testing of drivetrain components
- Defining and implementation of interfaces between modelbased function development and simulation
- Developing of new methods for software and model in the loop simulation
- Implementing of the models in XiL-systems
- Development of control systems and model based functional development with rapid prototyping systems
- Build-up of real-time Simulink models with Matlab/Simulink and code generation

Qualifications:

- Bachelor's or Master's degree in mechatronics, vehicle engineering, mechanical engineering or equivalent education
- Several years of work experience in calculation and simulation of multibody simulation systems with focus on vehicle drivetrain
- Experience in the development and model build-up of HiL simulations and modelbased function development
- Good working knowledge of Matlab, Simulink, Stateflow, dSpace and MS Office
- Fluent in English and German language
- Strong communication and team-working skills as well as a high affinity for delivering first-quality

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