

## Systems Engineer for Electric and Hybrid Powertrains

Schaeffler is a dynamic global technology company and its success has been a result of its entrepreneurial spirit and long history of private ownership. Does that sound interesting to you? As a partner to all of the major automobile manufacturers, as well as key players in the aerospace and industrial sectors, we offer you many development opportunities.

### Introduction

We are looking for junior and senior development engineers for R&D projects in e-mobility.

### Your Key Responsibilities

- development of systems and components for hybrid modules, electric axles, and actuators for cars with the focus on mechatronics, electronics, software, and mechanical engineering
- analysis and implementation of customer requirements into product
- creating specifications for components
- evaluation of design alternatives with respect to customer requirements and selection of optimal solution
- carrying out calculations on simulation models and verification of basic component parameters
- communicating technical requirements, architecture, and the design solution with the teams of systems, simulation, design, and software engineers
- creation of architecture and interfaces of system and components
- creation of architecture in SysML language
- mentoring university interns

### Your Qualifications

- master's degree in electrical engineering, mechatronics, automation, automotive or physics
- English language – both spoken and written command
- German language – advantage
- Enterprise Architect, SysML, MatLab – advantage
- experience in the field of development and design of electric drives or their components – advantage
- experience in the field of systems engineering – advantage
- willing to learn new things
- willing to travel

### Offered benefits

- working in a dynamic and challenging international environment
- stable post in an international company
- professional training – partly held in Germany

- career growth opportunities
- flexible working time (37,5 hrs./week)
- overtime compensation
- language courses (EN,DE) fully covered by Schaeffler
- 13th/14th salary
- referral and relocation bonus
- improvement bonus
- relocation allowance during 1<sup>st</sup> year