

Stellenbezeichnung: Expert/Senior Engineer for PTE/Linux (m/f/d)

AVL is the world's largest independent company for the development, simulation and testing of powertrain systems (hybrid, combustion engine, transmission, electric drive, batteries, fuel cell and control technology) for passenger cars, commercial vehicles, construction, large engines and their integration into the vehicle.

AVL Software and Functions GmbH is the center of competence for Powertrain Software- and Function Development, as well as Electronics and Systems integration. Our fields of activity include highly innovative projects in the area of Combustion Engines, E-Mobility and ADAS / AD. Our vision "Why not – move different!" is challenging us to develop solutions for the future of mobility.

We are looking for you:

Expert/Senior Engineer for PTE/Linux (m/f/d)

YOUR RESPONSIBILITIES:

- Development of technically sophisticated Linux Basic software solutions
- Linux kernel driver development
- Linux Device Tree development
- Implementation of hardware related software components (Basic Software) with embedded systems based on standards like POSIX and Adaptive Autosar
- Development of test concepts for validation and verification of Basic Software components
- Integration of basic software systems into hardware control units
- Coordination of software requirements and solutions with customers and colleagues from different departments
- Close coordination with internal project groups

YOUR PROFILE:

- Degree in computer science, telematics, electrical engineering or similar
- Experience with development processes such as system development as well as quality standards
- At least 5 years in Linux development
- First knowledge with ISO 26262, Automotive Spice, CCMI and Agile standards
- Good understanding of Linux and Linux/UNIX system programming
- Experience with Linux kernel development (device drivers, device trees)
- Experience with git, Yocto and CI systems (e.g. Jenkins) is desirable
- Very good knowledge in programming with C, C++, Linux shell , Python desirable
- High analytical and conceptual skills
- Communication and team skills
- Good English skills, German skills desirable
- **Personality is more than anything!**

WE OFFER:

- Be part of our pioneering work– together with our customers we shape the future of mobility!
- International and innovative collaboration rings a bell? That’s how we work.
- Our technical and personal onboarding concept will help you to hop on easily.
- We support lifelong learning: educate yourself, apply your knowledge and get creative.
- Mobile working, flex-time and modern workplaces are part of our DNA.
- We are deeply rooted in our values: respectful communication, care, openness, passion and trust

Interested?

If so, please use our online application tool to send your application to AVL!