

Senior Electronics & Firmware Engineer (f/m/d)

Work at an innovative high-tech company on cutting-edge sensor technology for laser acoustics systems that are redefining the boundaries of non-destructive testing!

YOUR TASKS

- Development of **analog and digital hardware** for **low-noise measurement instruments**
- **Circuit design** (op-amps, ADC/DAC, filters, control loops, noise optimization) and **PCB layout**
- **Selection of suitable components** with a focus on **precision, linearity, and low-noise performance**
- **Firmware development** for microcontrollers including **drivers and interfaces** (UART, USB, I²C, SPI, etc.)
- **Integration and verification of hardware and software components in the laboratory**
- Execution of **measurements, testing, and debugging** to optimize performance
- **Documentation** as well as support in **certification and production preparation**

YOUR PROFILE

- **Degree in Electrical Engineering, Information Technology, or a comparable qualification**
- **At least 3 years of relevant professional experience in electronics or firmware development**, ideally in a small company or start-up environment
- **Solid knowledge of analog and digital circuit design** (especially low-noise and precision circuits)
- **Experience in embedded software development** (C, FreeRTOS)
- **Hands-on experience with low-noise measurement and laboratory equipment**
- **Knowledge of signal processing** is an advantage
- **Independent, structured, and solution-oriented working style**
- **Good command of both German and English**

We offer a **full-time position** in a young, highly interesting work environment with attractive pay. Our small company structure enables extraordinarily quick decision-making processes.

For this position, a **minimum annual gross salary of EUR 75,000 (full-time)** is offered.

In addition, we provide a **market-based overpayment** depending on qualifications and experience.

Every employee is given a **great deal of freedom and responsibility** for their area and plays a **central role** in the company's success.