



Since its foundation in 1995, Fricke und Mallah Microwave Technology GmbH in Peine / Lower Saxony has been a leading manufacturer of microwave heating, drying and plasma systems, microwave generators up to 100 kW based on semiconductor, inverter and magnetron technology as well as microwave components (combiners, insulators, directional couplers, tuning units, waveguides) for the automotive, aviation, wood, ceramic and food industries. The operating frequencies are mainly 915 MHz and 2.45 GHz.

To reinforce our team, we are looking for a

Software Developer embedded systems (m/f/d)

Your duties:

Processing and responsibility for own software projects in the field of power electronics.

Your profile:

- Studies in the field of electrical engineering, computer science or comparable
- Practical experience in firmware development with ANSI C and/or C++.
- Experience in programming ARM-based microcontrollers, e.g. STM32F4 (ARM Cortex M4).
- Experience and implementation of UART interfaces.
- Practical experience in digital signal processing by implementing digital control loops OR digital filters.
- Basic knowledge in programming under Linux-based operating systems.
- Independent, structured and reliable work.
- Competence in communication with customers and employees for the implementation of specific requirements.
- Very good English skills in spoken and written.

Desired value:

- Experience in the synchronization of several MCUs.
- Practical experience in designing HMI interfaces, especially interfaces with touch display.
- Knowledge of CAN bus systems and networking of embedded systems via Ethernet.

We offer:

An independent and responsible position however also oriented to team in a challenging and diversified field of activity.

Please, send us your entire application papers in:

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