



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 currently mainly 915 MHz and 2.45 GHz.

To reinforce our team, we are looking for a

Software Developer / IT Specialist (m/f)

Required (Hard Skills):

- Deep understanding of at least one of the programming languages: C or C++
- Generation of clean and compact codes
- Independent code management and versioning
- Working with microcontrollers, ideally ARMv6/7 Cortex-M
- Design and implementation of own test methods
- EMC-compatible circuit design (digital) with Eagle or Altium
- Knowledge of serial communication (I²C/TWI, UART)
- Knowledge of UML for development and documentation
- Independent selection of platforms and tools to solve specific problems
- Good written and oral skills in the use of the English language

Required (Soft Skills):

- Independent, structured work
- Competence in communication with customers and employees for the implementation of specific requirements
- Ability to present and refer one's own work to customers and employees

Desired value:

- Completed university education (computer science, software engineering or technical computer science)
- Experience in the field of project work
- Understanding object-oriented programming
- Creation of pseudo code for documentation purposes
- Experience with MySQL in the frontend and backend
- Application development on embedded Linux systems, e.g. Raspberry Pi
- Circuit simulation with LTSpice
- Experience in the development of analog circuits
- Knowledge of serial communication (CAN, Ethernet, USB)

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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