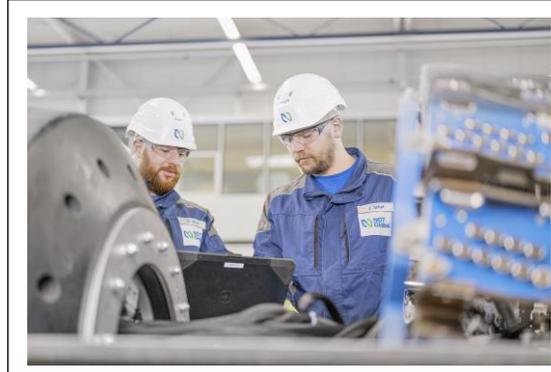# Embedded Software Engineer (m/w/d)

NDT Global is the leading provider of ultra-high-tech diagnostic inspection solutions, advanced data analysis and integrity assessment services for ensuring the safety and longevity of energy-sector infrastructure assets. Recognized as the forerunner in ultrasonic inspection technologies comprising Pulse Echo, Pitch-and-Catch and Phased Array, as well as Acoustic Resonance (ART Scan) methodologies, the company also deploys a range of non-ultrasonic technologies, such as Inertial Measurement Units, with more under development. NDT Global strategically applies its inspection technologies to detect, diagnose and model various types of threat—circumferential or axial cracks, metal loss, geometry, mapping, and more—across diverse classes of assets. By providing predictive, decision-ready insights driven by the world's most accurate data, NDT Global enables the conditions for asset owners to optimize infrastructure health and drive operational efficiencies while reducing risk and minimizing their carbon footprint.

We are looking for an Embedded Software Engineer to create, design and develop our innovative tools to analyze pipeline integrity. You will work with prototypes in an international environment in our interdisciplinary developer team.

Tasks

- Developing embedded software in C and C++ for our inspection tools:
    - Driver for Linux and embedded operating system
    - Measurement and control applications for Unix environment
    - Microcontroller based control and measurement system
- Plan of specifications, architecture and design
- Documentation and presentation of results

Requirements

- Work experience with C / C++ in embedded multi-processor environment
- Unix and Git experience
- university degree in information technology, electronics or similar
- 3 years relevant work experience e.g. embedded software development, firmware or hardware design
- Fluent in English and German

Benefits

- Great long-term career prospects and development opportunities
- Challenging tasks in innovative and diverse teams
- Attractive compensation system
- Flexible working environment
- Flexible working hours
- Job bike

Please apply via our QR code. If you have any further questions please do not hesitate to contact Mr. Tom Sander (career@ndt-global.com).

NDT Global
The Power of Clarity.