Our client is a leading manufacturer of industrial pressure and temperature measurement instruments. The company's roots date back to 1916 when it was founded. In 2000, it joined the global internatonal group. Its product portfolio includes mechanical, mechatronic and electronic pressure gauges, as well as temperature sensors used in various industries worldwide.

Embedded Developer (Regular/ Senior)

Nr ref.: 69/8/2026/PB/269925/jobs.pl Włocławek (kujawsko-pomorskie)

What we offer

- job in an international manufacturing company that is one of the leading suppliers of measurement technology products and services
- stable employment in an organization with over 100 years of history
- flexible work model – on-site, hybrid
- professional development and skills enhancement
- the opportunity for self-fulfillment and taking on new challenges
- benefits package (including private healthcare and group insurance for you and your family, free access to selected fitness clubs, a free language learning platform for employees and their families, the My Benefit cafeteria, and a Multisport card)

Your tasks

- analyze and review requirements with focus on functional safety (IEC 61508)
- develop and optimize firmware for embedded systems using C/C++ with RTOS integration
- contribute to software architecture with modularity and performance in mind
- perform static code analysis, unit testing and systematic debugging
- apply DevOps (CI/CD) and agile principles to improve development workflows and software quality
- collaborate with hardware and testing teams for integration and commissioning

What we expect

- bachelor's or master's degree in Electrical Engineering, Computer Engineering, or a related field
- several years of professional experience in the development of embedded systems
- comprehensive expertise in object-oriented programming using embedded C++ and in working with real-time operating systems (RTOS).
- experience in the development of industrial bus protocols (e.g. CANopen, IO-Link, HART)
- understanding of architecture and high demands on software quality
- normative knowledge of functional safety according to IEC 61508, IEC 13849 is an additional advantage
- experience working with CI/CD pipelines in a development environment
- effective communication and teamwork skills
- good fluency in spoken and written English language that enables to everyday communication and problem solving