

SOFTWARE QUALITY ENGINEER (f/m/x)

Location: Berlin



For over 100 years our passionate mission of safety empowers us to protect lives. With 42 international locations and its head office in Cranberry Township, Pennsylvania, MSA is a global leader in the development, manufacture and supply of Personal Protective Equipment and Gas Detection System Solutions. We are committed to providing the latest in innovative, best-in-class safety solutions that feature integrated systems capability and allow our customers to return safely to their families and friends. Every day our customers place their lives in our hands. In response, we provide them with protection they can trust. It is gratifying to lead the way as a source of inspiration. More than 5,000 employees world-wide are already doing this.

IN YOUR ROLE YOU WILL

- ✓ Join a skilled, diverse, and collaborative global software organization to create innovative, connected personal safety products that use technology to save lives
- ✓ Focus on software quality (e.g. robustness, maintainability) and efficiency (e.g. quickly and predictably reaching project goals)
- ✓ Develop test automation software (Hardware-In-The-Loop infrastructure and tests, software tools, simulators)
- ✓ Support quality related efforts (planning, reviews, testing, verification)
- ✓ Collaborate on software architecture, test strategy and testability activities, contribute to team decisions
- ✓ Define / implement new software quality process improvements globally as needed
- ✓ Train colleagues / project managers / project teams in software tools, automation, and software processes

YOUR QUALIFICATIONS

- ✓ Bachelors Degree in Computer Science, Computer Engineering, Software Engineering or related field
- ✓ At least 3 years of experience in embedded software development in C/C++. Python scripting experience
- ✓ Understanding of software development processes (requirements management, software testing, software reviews, continuous integration, software quality metrics)
- ✓ Experience with various software testing methods (unit, integration, system, regression) and related tools (GTest, VectorCAST, SonarQube, etc.)
- ✓ Continuous improvement mindset
- ✓ Excellent communication skills in English. German is a plus
- ✓ Experience working with industry standard communications interfaces and protocols preferred (UART, NFC, I2C, SPI, Ethernet, Bluetooth, MQTT, TCP/IP)

WHAT WE OFFER

- ✓ **Meaningful projects:** **Make a difference – at MSA you'll help saving lives.**
- ✓ **Innovative environment:** Our Berlin research and development team works with state-of-the-art technology and tools.
- ✓ **Individual career paths:** Based on personal preferences and aptitudes, we offer different development options.
- ✓ **Flexible working hours:** In addition to our flexitime model, there is also the possibility to work remotely.
- ✓ **Quick decisions:** Start-up like environment with the backing and safety of a 100-year-old market leader.
- ✓ **Great team:** Benefit from the diversity of your highly qualified colleagues and further develop your skills.

WHY JOIN MSA?

Because everything we do is about saving lives. Innovative projects and using state of the art technologies.

If this sounds exciting to you, apply so we can talk! Email us at: careers-europe@msasafety.com