

# SOFTWARE QUALITY ENGINEER (f/m/x)

Location: Berlin



*For 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

- ✓ Focus on software quality (e.g. robustness, maintainability) and efficiency (e.g. quickly and predictably reaching project goals)
- ✓ Create / Design / Develop the test environment (e.g. HITL, Unit test framework, analysis tools, software simulators) for the embedded software developer
- ✓ Enforce quality related efforts (e.g. planning, reviews, verification, testing)
- ✓ Train colleagues / project managers / project teams in software tools and software processes
- ✓ Discuss software architecture, test strategies and contribute to team decisions
- ✓ Define / Implement new software quality processes globally

## YOUR QUALIFICATIONS

- ✓ Bachelor Degree in Computer Science, Computer Engineering, Software Engineering or related field
- ✓ At least 2 years of experience in embedded software product development and usage of C and Python
- ✓ Experience in different phases of testing (unit, integration, system), test techniques (white box, black box, regression) and automated test frameworks (CMocka, VectorCAST, SonarQube or other), Continuous Integration (Bamboo)
- ✓ Software quality process, tasks and tools within this process (e.g. requirements management, software testing, software reviews)
- ✓ Excellent communication skills in English, German is a plus
- ✓ Experience in interfaces (UART, NFC, I2C, SPI, Ethernet) is preferred

## WHAT WE OFFER

- ✓ **Meaningful projects:** **Make a difference – at MSA you'll help saving lives.**
- ✓ **Excellent equipment:** Our Berlin research and development team works with state-of-the-art IT infrastructure.
- ✓ **Individual career paths:** Based on personal wishes 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 JOINING MSA?

Because everything we do is about saving lives. Interesting 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](mailto:careers-europe@msasafety.com)