EMBEDDED SOFTWARE DEVELOPER - Junior (m/f/d)

Location: Berlin – Adlershof

MSA
The Safety Company

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

- ☑ Design and implement embedded software
- ☑ Use industry standard tools like JIRA, Confluence, GIT, Bamboo, different IDEs, etc. and always test and verify your code
- ☑ Actively participate on cross-functional project teams in the development of new MSA products
- ☑ Deliver software for high tech devices and systems that drive differentiating features our customers want
- ☑ Assume technical leadership of software development for individual project efforts
- ☑ Write test cases (manual and automatic) and work closely together with software quality engineers
- ☑ Discuss software architecture and contribute to team decisions
- ☑ Design and improve existing processes and tools

YOUR QUALIFICATIONS

- ☑ Bachelor Degree in Computer Science, Computer Engineering, Software Engineering or related field
- ☑ Experience in embedded software product development
- ☑ Experience programming in C and Python on embedded systems
- ☑ Experience in test driven development and software architecture / design
- ☑ Delivering high quality results including experience writing automated tests / simulators
- ☑ Experience with communications technologies and protocols such as BLE, Wi-Fi, NFC, UART, SPI, I2C
- ☑ Fluent English language, German is a plus
- ☑ Good communicator and team worker

WHY JOINING MSA?

- ☑ Because everything we do is about saving lives
- ☑ Interesting projects and using state of the art technologies
- ☑ Join a tech company where products you work on literally protect and save firefighters, workers in dangerous industrial settings and the environment

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.
- ☑ **Onboarding Process:** Every new employee participates to our onboarding training including personal buddy
- ☑ **If this sounds exciting to you, apply so we can talk!** Email us at: *careers-europe@msasafety.com*