JUNIOR EMBEDDED SOFTWARE DEVELOPER (M/F/D)

Kaufering near Munich

What’s the role?
As a Junior Embedded SW Developer for Power Tools, you will play a crucial role in designing, developing, and testing embedded SW solutions for our next-generation power tools. If you are looking for an exciting opportunity to kickstart your career as a Junior Embedded SW Developer, Hilti has the perfect role for you!

Who is Hilti?
Hilti is where innovation is improving productivity, safety and sustainability in the global construction industry, and beyond. Where there is pride and a sense of belonging across our 120 locations, carrying right into our lives and homes. Where people are exploring possibilities, leveraging their potential, owning their personal development and growing lasting careers. From the pre-development of our own motors, electronics and firmware, to series-maturity - our intelligent mechatronic systems come from our own research and development laboratories.

What does the role involve?
You will be working in a team of embedded software developers, responsible for software libraries. Those libraries are being used in all our power tools and batteries. In this role, you will be involved in the complete software development process. During requirements engineering phase, you are participating in discussions with the internal stakeholders and translate their needs into software requirements. Together with the software architect you design the best solution focusing on reusability and afterwards implement it according to our quality standards. In the testing phase you are involved in writing unit tests as well as developing hardware-in-the-loop tests. Debugging and supporting is part of your daily work.

The focus of the base library team lays on portability, maintainability, performance, and functional safety. You will be working in a team using agile modern software practices, test-driven development, and continuous integration.

You will work closely with cross-functional teams, including hardware engineers, and firmware developers to deliver exceptional software that enhances the performance of our products.

Your tasks will give you the opportunity to show and develop your skills. After a few years, there will be a variety of opportunities for further development.

What you need is:
- Basic knowledge in embedded C, microcontrollers, and embedded systems
- Bachelor’s or Master’s degree in electronics, mechatronics, software engineering, computer science, or related fields
- Solid understanding of state-of-the art software development engineering practices (agile, DevOps, CI/CD)
- Strong problem-solving skills and passion for learning new technologies
- Collaborative mindset, Flexible, and self-organized
- Fluent in English language - German language skills are an advantage

APPLY NOW!
https://careers.hilti.de