



We are a leading developer and manufacturer of mechanical and electronic locking systems as well as car access and authorization systems for the global automotive industry. Founded in 1908 in Velbert, Germany, we are an independent, family-owned company with around 9,300 employees at locations in Europe, America and Asia and achieved sales of around EUR 1.1 billion in the financial year 2019.

Software Developer Key Fob

OVERVIEW: It may come in different names, but a Key Fob or an UID is the remote device that provides access to a vehicle: the car key. As a SW developer for this product you will have to work closely with the microcontroller datasheets, configure and control various integrated chips that provide RF, LF or UWB communication. At a SW application level you will come across topics such as buffering, protocol formats, cryptology and security. Additionally, everything needs to be optimized and packaged so that it meets the strict power consumption and code size constraints.

Key Activities

- ▶ Implement the software solutions, using the C language
- ▶ Understand and write SW requirements
- ▶ Create the SW detailed design of your SW modules, in Rhapsody
- ▶ Conduct the testing of your software, according to the defined testing method
- ▶ Ensure the fulfillment of quality standards
- ▶ Enhance the capabilities of your junior colleagues, by mentoring

Desired Profile

- ▶ University Degree (Computer Science, Electronics, Informatics, etc.)
- ▶ Experience with C programming language
- ▶ Good Embedded Systems and Microcontrollers know-how
- ▶ Basic knowledge of wireless communication protocols
- ▶ Experience with developing Key Fobs is an advantage
- ▶ Team player with an open-minded attitude
- ▶ Strong communicator both written and verbal in English
- ▶ Self-efficient and organized in prioritizing tasks and projects

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Benefits

- ▶ Induction and training programs that provide you with all of the knowledge to excel at the workplace
- ▶ Young, professional and dynamic team
- ▶ Competitive salary and flexible benefits (sports, wellness, transport, holiday reward etc.)
- ▶ Health and wellbeing (medical care, fruits day, lunch vouchers etc.)
- ▶ Professional development both technical and managerial
- ▶ Increased work-life balance (flexible working hours and mobile work, extra vacation days)
- ▶ Special fidelity package
- ▶ Modern and central working facilities (contemporary offices, relaxing and entertainment areas)

If this sounds interesting to you, please send your comprehensive application materials to:

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