

# Embedded Software Engineer (m/f)



CoreNetiX offers wireless communication technologies and solutions for low-power smart sensor networks.

## We are looking for experienced Engineer

CoreNetiX is a young company backed up by an experienced and dynamic team. We offer radio technology and products in the area of building automation for various applications which could be linked wireless to a server. We provide our customer hardware and software to build up wireless sensor networks based on national and international standards for example IP500®, wireless BACnet, wireless M-Bus as well as diverse 868 MHz and 2,4 GHz applications.

We were now on the next stage of growth and looking for you as reinforcement of our development team.

## Job brief

We are looking for a professional Embedded Software Engineer for conception, programming and implementation of hardware-related software components in the area of wireless mesh network systems. The goal is to create scalable and optimized software systems

## Responsibilities

- Design and implement software of embedded devices and systems from requirements to production and commercial deployment
- Design, develop, code, test and debug system software
- Review code and design
- Analyze and enhance efficiency, stability and scalability of system resources
- Integrate and validate new product designs
- Creation of technical documentation
- Support software QA and optimize I/O performance
- Provide post production support
- Interface with hardware design and development
- Assess third party and open source software

## Requirements

- Proven working experience in software engineering
- BS degree in Computer Science or Engineering
- Experience in hands-on development and troubleshooting on embedded targets
- Experience in hardware programming under Linux and Windows
- Good programming skills in at least one programming language (typically C / C ++)
- Proven experience in embedded systems design with preemptive, multitasking real-time operating systems, networking, real-time and BACnet systems are desirable
- Familiarity with software configuration management tools, defect tracking tools, and peer review
- Excellent knowledge of OS coding techniques, network protocols BACnet, TCP, UDP, IP, 6loWPAN, IEEE 802.15.4, interfaces and hardware subsystems
- Adequate knowledge of reading schematics and data sheets for components
- Strong documentation and writing skills
- Strong analytical skills and problem solving skills
- Very good communicative skills, social skills and teamwork

What we offer is a versatile position with freedom of action as well as a dynamic and high motivated team of professional developers.

If you are interested in this demanding task in an innovative and continuously growing company, we look forward to hearing from you.

We offer you an attractive environment in a young company to market based profitability. The position is full-time and immediate.

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