

Software Embedded Systems Engineer - Job Description

Job title: Software Embedded Systems Engineer

Type of contract: Full time long term contract

Work location: Grenoble (Rhône Alpes), France

Job offer description

We are looking for a software Embedded Systems Engineer with strong knowledge of C development for embedded systems. At Virtual Open Systems, you will integrate a software team skilled in virtualization and firmware development on ARM architecture. Under the direct responsibility of the project leader, you will define, implement and support Virtual Open Systems products based on last ARMv8-A multi-core heterogeneous platforms aiming at consolidate software functionalities on a common hardware.

Our projects will lead you to work on various fields, ranging from high-level softwares such as Linux kernel to low level firmware for power management, including virtualization and real-time applications.

Your knowledge of embedded systems on ARM architecture as well as your result driven attitude is your strength for implementing new software solutions and optimizing existing ones.

Responsibilities

- 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
- Assess third party and open source software

Education

The candidate must have university degree (BA / Master) in Electronic Engineering or Computer Science/Engineering or equivalent.

Required essential skills & experience

- Linux kernel knowledge
- ARM Processor architecture knowledge
- Skills in C/C++ and assembly
- Virtualization user experience
- Understanding of software design techniques with experience of API design
- Experience of platform bring-up
- Experience with source versioning systems, in particular GIT
- Excellent communication skills and good teamwork are needed
- Written and spoken English communication skills
- Flexibility, pro-active and result driven attitude

How to apply

Any application (resume+cover letter preferably in PDF format) should be sent by email at the following address : contact@virtualopensystems.com