

Embedded Software Engineer

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Company: NodeFlair

Location: Ho Chi Minh City

Category: computer-and-mathematical

Responsibilities:

Joining a SW development team for Linux/RTOS device driver, system framework, and validation firmware of automotive driving SOC and high performance mega-MCU

Code analysis, design, and implementation with overall knowledge of Linux Kernel/RTOS/framework architecture and low-level SW like control firmware, bootloader, drivers, and device tree

Understanding & able to develop Functional Safety Standard for ISO 26262 - Automotive

Requirements:

5+ years of experience on ARM based semiconductors (e.g., System-on-Chip and MCU)
Linux/RTOS device driver, firmware, bootloader development

Automotive domain work experience

Good understanding of ARM-based SOC and embedded system hardware architecture & software

Code and technical issue analysis capability of embedded system software that covers the control of HW components such as CPU/BUS/Memory/Interrupt/Power/Clock/IO devices

Firmware control (e.g., bootloader)

Linux, RTOS, or automotive OS (for autosar)

Linux kernel and device driver framework

Linux kernel porting and versioning up on target board

Root-causing and debugging system issues & SW bugs collaborating with team members.

Code review, continuous integration SW development, and release management

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