

RD_189-25_Senior Software Integrator 软件集成工程师（重庆）

Descrição da função

Lead full software integration for Zone Controllers & HPC platforms on multi-architecture MCUs:

- Heterogeneous Platforms : Infineon Aurix TC3xx/TRAVERO™ II, domestic MCUs (e.g., Horizon/Jingxuan)

Core Responsibilities

1. Multi-Platform AUTOSAR Integration
 - Configure RTE interfaces (Vector DaVinci/EB tresos) to link customer apps with BSW layers.
 - Develop integration code for BSW modules (OS, COM, MEM) across Aurix, TVII, or local MCUs .
2. Critical Debugging & Issue Resolution
 - Root-cause complex system issues:
 - Hardware-software conflicts (e.g., MCAL driver failures on mixed-signal PCBs)
 - Field failures reported by OEMs (CAN/Ethernet communication errors, boot failures)
 - Utilize Lauterbach Trace32, oscilloscopes, logic analyzers for register-level diagnosis.
3. Release & Compliance
 - Ensure ASPICE L2/ISO 26262 compliance in integration workflows and release artifacts.



Identificação da vaga
REF2382Z

Nível de liderança
Leading Self

Modalidade de trabalho
Onsite Job

Pessoa jurídica
Continental Automotive Engineering Co., Ltd.

Requisitos

Mandatory Technical Skills

- AUTOSAR Integration : 3+ years with BSW/RTE configuration (Vector/EB tools) on ARM/RISC-V MCUs.
- Multi-MCU Expertise : Hands-on with 2 platforms:
 - Infineon Aurix TC3xx or TRAVERO™ II
 - Domestic MCUs (e.g., Horizon Journey/J5, NXP32G45, C-Sky)
- Hardware-Level Debugging :
 - Lauterbach Trace32/JTAG
 - Oscilloscope/logic analyzer for signal integrity validation
 - CANoe/CANalyzer for protocol analysis
- Language : Fluent English (technical documentation/customer calls).

Preferred Skills (Optional)

- Scripting (Python/Bash) for test automation
- CI/CD pipeline basics (Jenkins/GitLab)

O que oferecemos

Ready to take your career to the next level and join us at the start of something extraordinary? Apply now to become a part of AUMOVIO and drive the future mobility together with us!