

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

Your tasks

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.



Job ID
REF2382Z

Leadership level
Leading Self

Job flexibility
Onsite Job

Legal Entity
Continental Automotive Engineering Co., Ltd.

Your profile

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 TRAVEO™ 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)

Our offer

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!