

## RD\_189-25\_Senior Software Integrator 软件集成工程师（重庆）

### Vos activités

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.

### Votre profil

#### 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)



Référence  
**REF2382Z**

Site  
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