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

Jūsų užduotys

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

- **Heterogeneous Platforms** : Infineon Aurix TC3xx/TRAVEO™ 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.

Reikalavimai

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, NXPN32G45, 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)

Mes siūlome

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