

Senior Software/Architect Engineer (MCU/SoC Middleware)

Your tasks

- Integration, release-testing and deployment of **Classic/Adaptive AutoSAR** stack into use case
- Develop SW modules based on **Classic/Adaptive AutoSAR** platform software
- Define SW component architecture of middleware features based on **Classic/Adaptive AUTOSAR** for various embedded automotive products, including HPC/ADCU/Radar/Camera/other complex ECU products.
- Being Software Designer from software implementation perspective of Classic/Adaptive AutoSAR Solution, like EB/Vector AutoSAR solution.
- Being multiple roles in multiple projects in parallel as Senior Software Engineer
- Define Verification and Validation criteria for developed SW modules/features
- Ensure the high-quality level of software by appropriate measures.
- Follow quality guidelines according to A-SPICE, MISRA and ISO26262 specifications
- Being proactively and independently learning and ramp up new knowhow in MCU Middleware based on Classic/Adaptive AutoSAR

Your profile

- Bachelor or Master degree in computer science, electrical engineering or comparable qualification
- >5 years of Experience in the area of SW development in embedded systems
- Programming skills in C++/C
- Experience in processor based architecture, Adaptive/Classic AUTOSAR
- Experience in ECU development with AUTOSAR and/or Embedded Linux/POSIX
- Object Oriented Programming (OOP, OOA, OOD) -C++ (11/14), Python
- Experience with communication middleware (CORBA, REST, DDS, SOME/IP)
- TCP/IP configuration (ifconfig, route, bridge, tap, VLAN, etc.)
- Build Systems (Make, CMake, Bazel)
- Automotive know about Signal-based communication (CAN, LIN, FlexRay, ETH and SOME/IP)
- Good exposure of Functional Safety in Adaptive/Classic AUTOSAR
- Realtime Automotive ECU knowledge

Our offer

Ready to drive with Continental? Take the first step and fill in the online



Job ID
REF11016H

Location
Yang Pu Qu

Leadership level
Leading Self

Job flexibility
Onsite Job

Legal Entity
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application.