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
application.