

RD_806-23_SW Developer

Your tasks

THE POSITION - Embedded Software Engineers (Telematics NAD cert)

Be part of the international software development team to develop embedded software for Radio, Radionavigation or Connectivity (Wi-Fi, Bluetooth, GSM / 4G LTE / 5G features based) products to meet OEM customer requirements. Be involved through-out the software development life cycle (project planning, requirement definition and analysis, architecture analysis and definition, design, implementation, integration, and validation), field-test and maintenance of the embedded software.

Core Responsibilities:

- Design, Implement, robust software that complies with customer requirements and internal software processes.
- Perform multiple tasks and work independently on new or complex assignments.
- Able to systematically solve problems and perform root cause analysis.
- Identify problems as they occur and take appropriate steps to solve them.
- Able to operate with limited direction.

Essential Functions:

- Software analysis, code analysis, requirements analysis, software reviews, identification of code metrics, system risk analysis, software reliability analysis.
- Perform unit level testing on software modules developed.
- Diagnosis and debugging on emulator and debugger, including use of test equipment (spectrum analyzer, oscilloscope, simulators etc.).
- Ensure Software testing and quality assurance.
- Ensure software compliance with internal software development process (SPICE).
- Review hardware designs and hardware/software interfaces and make recommendations for cost effective solutions.
- Evaluate internal and external software change requests.
- Interface with 3rd party software suppliers.
- Lead/coordinate software design topics related to risk effort, and timing.
- Support meetings with cross functional project team, hardware/test team, and customers as needed.
- Review decisions made by other engineers.
- Meet project deadlines and cost constraints.

Your profile

Required Qualifications:

- BS in Computer Science, Computer Engineering, Electrical Engineering, or related field.
- Minimum 5 years of relevant experience in related technical field as an engineer.



Job ID
REF34432A

Location
Shanghai

Leadership level
Leading Self

Job flexibility
Onsite Job

Legal Entity
**Continental Automotive
Changchun Co., Ltd.**

- Proficiency with C/C++.
- Good understanding of wireless communication protocol(3G/4G/5G).
- Familiarity with microcontrollers with a RTOS.
- Understanding of real-time software concerns like multi-threading and concurrency.
- Experience working on low-power, memory-constrained target environment.
- Exemplary verbal and written communication skills.

Preferred Qualifications:

- Master's Degree in Computer, Electrical Engineering or equivalent.
- Experience on Qualcomm mobile/vehicle platform(chipset).
- 3+ years Automotive embedded software Architecture experience.
- 3+ years Telematics engineering experience.
- Multi-core experience.
- Automotive HW and embedded SW experience.
- Embedded Linux.

Our offer

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

About us

大陆集团来自德国，是具有国际影响力的汽车零部件一级供应商。目前，大陆集团在中国设有25个生产基地，28个研发中心，员工总数约为16500名。