

# Senior Hardware Engineer

## Descrição da função

1. Responsible for the hardware development of the body domain controller, including schematic design, PCB layout, Function and performance validation, EMC optimization, and mass production support;
2. Familiar with the functional safety requirements of the body domain controller and their implementation in software and hardware;
3. In-depth understanding of the principles and driving of body control motors, proficient in the use and configuration of motor controller chips;
4. Prior experience in the following functional hardware design is preferred:
  1. Battery Management System (BMS) hardware design, covering high-precision sampling circuits, balancing modules, and safety protection strategies;
  2. Hardware solutions for thermal management systems, such as PTC heating and liquid cooling pump drive circuit design;
  3. 48V DC/DC converter topology, meeting efficiency 95% and ISO 26262 functional safety requirements;
  4. Hardware development for active suspension control systems, including sensor interfaces, actuator drive circuits, etc.
  5. Hardware development experience for VCU and SEooC.



Identificação da vaga  
**REF2298D**

Local  
**Yang Pu Qu**

Nível de liderança  
**Leading Self**

Modalidade de trabalho  
**Onsite Job**

Pessoa jurídica  
**Continental Holding China Co., Ltd.**

## Requisitos

### Education:

Bachelor's degree or above in Electronic Engineering, Automation, or related field;

### Experience:

5+ years of experience in automotive electronic hardware development, with at least 2 mass-produced project leadership roles;

### Skills:

Proficient in circuit simulation and familiar with automotive-grade component selection;

Familiar with AEC-Q100/ISO16750 and other automotive standards;

Experienced in FMEA analysis and hardware reliability testing;

### Preferred Qualifications:

Experience with AUTOSAR development is preferred.

### **O que oferecemos**

Ready to take your career to the next level and join us at the start of something extraordinary? Apply now to become a part of AUMOVIO and drive the future mobility together with us!