AUMOVIO

EE Project Manager / EE Developer

Descrição da função

EE Project Manager / Developer

Experience: 6-8 Years
Domain: Automotive (Passenger Vehicles)

Position Summary

We are seeking an experienced EE project manager/developer to lead the development of automotive electronic hardware products from concept to production. The role combines project management, technical leadership, hardware development, validation, and stakeholder management to ensure successful delivery of high-quality automotive electronics solutions.

The ideal candidate should possess strong experience in automotive hardware design, board-level validation, project execution, cross-functional collaboration, and customer engagement.

Key Responsibilities

Project Management & Technical Leadership

- Lead EE development activities throughout the product lifecycle.
- Manage project planning, execution, risks, milestones, deliverables, and resource allocation.
- Coordinate with System, Software, Mechanical, Quality, Manufacturing, and Test teams.
- Manage customer, supplier, and internal stakeholder interactions.
- Support technical reviews, design reviews, and project governance activities.
- Drive continuous improvement, lessons learned, and engineering best practices.
- Ensure compliance with automotive standards, quality processes, and organizational procedures.

Hardware Development & Validation

- Define and support EE architecture and hardware design activities based on system requirements.
- Support component selection, BOM creation, and design optimization.
- Perform hardware integration, board-level testing, validation, and debugging.
- Analyze and resolve hardware and software-related issues.
- Support EMC, electrical qualification, and system validation activities.

Functional Safety & Compliance

- Support Functional Safety activities in accordance with ISO 26262.
- Participate in D-FMEA and FMEDA activities.

Identificação da vaga
REF10943M

Local
Bengaluru

Nível de liderança
Leading Self

Pessoa jurídica
AUMOVIO India Private Limited

- Ensure compliance with automotive standards and customer requirements.

Technical Competencies

Hardware Design & Electronics

- **EE architecture and hardware design fundamentals.**
- **Analog and power electronics:**
  - Buck Converters
  - LDO Regulators
  - MOSFET & BJT Switching Circuits
  - Passive & Active Filters
  - Op-Amp Applications

Communication Protocols

- CAN
- LIN
- SPI
- **FlexRay**

Hardware Testing & Debugging

- Board-level testing and validation
- Hardware/software fault analysis
- Hardware integration and system testing
- Test case creation and execution

Microcontrollers & Tools

- **Infineon AURIX Controllers**
- **Renesas RH Series Controllers**
- **Lauterbach Debugger**
- **Renesas Debugging Tools**

Test Equipment

- Oscilloscopes (HDO)
- Current & Differential Voltage Probes
- Spectrum Analyzers
- Function Generators
- Programmable Power Supplies
- Digital Multimeters
- Data Logging Equipment

Engineering Processes

- Requirements Management
- Hardware Verification & Validation
- DOORS
- IMS

Requisitos

• B.Tech/B.E in Electrical / Electronics Engineering or related field
• M.Tech/M.E/M.S in related disciplines will be an added advantage

O que oferecemos

- 6-8 years of experience in automotive electronics development.
- Experience leading EE projects from concept through production.
- Strong technical leadership and project management skills.
- Minimum 2 years of board-level hardware testing and validation experience.
- Experience in project planning, risk management, resource coordination, and milestone tracking.
- Strong hardware debugging and problem-solving capability.
- Excellent communication, stakeholder management, and collaboration skills.

Preferred Knowledge

- ISO 26262, AEC-Q101/Q102
- CISPR 25, ISO 16750, ISO 7637-2, ISO 11452
- D-FMEA / FMEDA
- PCB Design Reviews, DFM, and DFA
- Automotive ECU Development

Ready to take your career to the next level? The future of mobility isn't just anyone's job. Make it yours! **Join AUMOVIO. Own What's Next.**

Quem somos

Since its spin-off in September 2025 AUMOVIO continues the business of the former Continental group sector Automotive as an independent company. The technology and electronics company offers a wide-ranging portfolio that makes mobility safe, exciting, connected, and autonomous. This includes sensor solutions, displays, braking and comfort systems as well as comprehensive expertise in software, architecture platforms, and assistance systems for software-defined vehicles. In the fiscal year 2024 the business areas, which now belong to AUMOVIO, generated sales of 19.6 billion Euro. The company is headquartered in Frankfurt, Germany and has about 87.000 employees in more than 100 locations worldwide.