

EE Architect_TN_202511_059

Responsabilități

Responsibilities

- Responsible for all faces of the design and development process for automotive electronics product
- Derive the requirements from customer specification and provide solution architecture
- Build up the high-level EE architecture with interconnections for each modules.
- Provides the technical input and guidance for EE detailed design
- Lead EE Developers and support them in module design and testing, EE-SW integration testing and EMC testing and thermal testing.
- Plans and coordinates and monitors all test activities of a project on electronics level to provide a specific test status for release.
- Deliverables like EBOM, module design, DMFEA etc.
- Manage an EE project team to define, plan, realize and deliver agreed EE specific work products in time, quality and cost. Reports the progress and status of the EE project

Skills :

- Power supply architecture for any automotive electronics product
- Indepth knowledge on all major Microcontrollers
- Digital, Analog and frequency circuit design
- Sound knowledge on GSM, GNSS, Bluetooth, Wifi, Ethernet, Display and IMU.
- Sound knowledge on High side, Low side, and Bridge drivers
- Understanding of SPI, I2C, UART and CAN communication
- Experience supporting PCB layout to meet regulations required.
- Proficient in Worst Case Circuit Analysis
- Experience with EMC test plans, test setup, and troubleshooting.
- Knowledge on Functional safety and security.
- At least 5 years working experience in the Automotive Industry on Body control unit or Vehicle control unit.
- Prefer to have knowledge on two wheeler EV.

Cerințe

BE or B Tech (Electrical/Electronics)

Oferta noastră

Good to Have

- Experience in performance tuning and optimizing both UI and APIs.
- Good know how of Jira or similar project management tools, Git ecosystem, and version control best practices.
- Experience using tools like Datadog or equivalent for log analysis and monitoring.

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.**



ID poziție
REF7040Y

Locatie
Bengaluru

Nivelul de Leadership
Leading Self

Persoană juridică
AUMOVIO India Private Limited

Despre noi

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.