

High Voltage Senior product Architect 资深高压产品架构（芜湖）

Your tasks

- Define and safeguard the technical architecture of high-voltage products across customer projects and product roadmaps.
- Translate customer, market, safety, quality, manufacturing and cost requirements into robust product and system architectures
- Guide cross-functional design decisions, and ensure scalable, compliant and reusable solutions from concept through industrialization and lifecycle support.
- Clarify customer requirements, negotiate architecture trade-offs and support quotation, acquisition and change-request activities
- Ensure that safety, legal, regulatory, cybersecurity, quality and customer-specific requirements are reflected in the product architecture
- Ensure architecture planning is consistent with product lifecycle gates, quality targets, timing, cost and resource constraints
- Support technology decisions with architecture feasibility and impact assessments
- Track architecture maturity, technical risks, interfaces, dependencies and deviations against agreed project and product targets

Your profile

- Bachelor or Master degree in Electrical Engineering, Electronics, Mechatronics, Systems Engineering, Automotive Engineering or comparable qualification
- At least 8 years of professional experience in automotive or comparable high-voltage product/system development, with strong exposure to product architecture, cross-discipline engineering and product delivery
- At least 4 years of experience as product architect, system architect, technical project lead, system lead, senior systems engineer or comparable role in high-voltage product development; experience across concept, development, validation and industrialization phases is required
- Experience in functional leadership of cross-functional engineering teams and in steering experts across system, hardware, software, mechanical, validation, quality and manufacturing disciplines
- Experience in international project teams and customer/supplier collaboration; ability to communicate complex technical architecture topics clearly in English

Our offer

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.**



Job ID
REF11324Y

Location
Wuhu

Leadership level
Leading People

Legal Entity
AUMOVIO Automotive Wuhu Co., Ltd.

About us

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.