

ADAS_Mechanical Lead Engineer

Your tasks

Development of ADAS (Advanced Driver Assistance Systems) Sensors (Radar, Camera) and ECU (ADCU)

- Manage end-to-end ME development processes: requirements, design, prototyping, validation, and production
- Interface with suppliers and customer on technical matters
- Own mechanical design deliverables, including structural, thermal, and enclosure designs
- Identify technical risks and lead problem-solving efforts to resolve complex engineering challenges
- Drive technical decision-making throughout the product development lifecycle
- Collaborate with cross-functional teams (electrical, software, manufacturing, quality etc) to ensure system-level integration

ADAS 先進運転支援システム）向けセンサー（レーダー、カメラ）およびECU ADCU の開発

- 要件定義、設計、試作、評価、量産まで、機械設計 ME 開発プロセス全体を管理する
- 技術的な事項について、サプライヤーおよび顧客との窓口として対応する
- 構造設計、熱設計、筐体設計を含む機械設計成果物に責任を持つ
- 技術的なリスクを特定し、複雑なエンジニアリング課題の解決を主導する
- 製品開発ライフサイクル全体において技術的な意思決定を推進する
- 電気、ソフトウェア、生産技術、品質保証などの関連部門と連携し、システムレベルでの統合を実現する

Your profile

Required

- Bachelor's degree or higher in Mechanical Engineering or a related field
- 5+ years of experience in mechanical design and product development
- Proven experience in a technical leadership or lead engineer role
- Basic mechanical knowledge
- Proficiency with 3D CAD tools (e.g., SolidWorks, CATIA, Creo)
- Strong understanding of mechanical fundamentals (structures, materials, thermodynamics, molding, stamping, plating, diecasting, machining etc)
- Excellent problem-solving and communication skills
- Business-level English and Native-level Japanese communication skills

Preferred

- Experience in industries such as automotive, robotics, consumer



Job ID
REF10672E

Field of work
Engineering

Location
Yokohama

Leadership level
Leading Self

Legal Entity
AUMOVIO Autonomous Mobility Japan K.K.

electronics, or medical devices

- Hands-on experience with CAE tools (FEA, CFD, etc.)
- Knowledge of design methodologies (FMEA, DRBFM, FTA etc)
- Experience working in global or cross-cultural team

必須要件

- 機械工学または関連分野における学士号以上
- 機械設計および製品開発の実務経験5年以上
- テクニカルリーダーまたはリードエンジニアとしての実績
- 基本的な機械工学の知識
- 3D CADツール SolidWorks CATIA Creoなど)の使用経験
- 機械工学の基礎知識を有すること
- 優れた問題解決能力およびコミュニケーション能力
- ビジネスレベルの英語およびネイティブレベルの日本語力

歓迎要件

- 自動車、ロボティクス、民生機器、医療機器などの業界での経験
- CAEツール FEA CFDなど)の実務経験
- 設計手法 FMEA DRBFM FTAなど)に関する知識
- グローバルチームまたは多文化環境での業務経験

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.**

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.