

Mechanical Design Engineer

Your tasks

We're looking for a talented and detail-oriented Mechanical Design Engineer to join our dynamic engineering team in Changchun Shi, China. In this role, you'll take ownership of mechanical design projects from concept through production, collaborating with cross-functional teams to deliver innovative solutions that exceed customer expectations. You'll drive technical excellence while fostering a culture of continuous improvement and collaborative problem-solving.

- Lead and conduct mechanical engineering development activities in accordance with established development processes and best practices
- Design, analyze, and optimize mechanical components and systems using advanced CAD tools and modeling techniques
- Perform complex technical problem-solving and provide innovative solutions to engineering challenges
- Conduct design reviews, feasibility studies, and milestone assessments to ensure delivery quality and project success
- Collaborate effectively with cross-functional stakeholders including R&D teams, project managers, manufacturing, quality, and procurement to ensure seamless project execution
- Manage mechanical engineering projects by conducting estimations, developing plans, tracking progress, organizing resources, and preparing comprehensive reports
- Perform or coordinate mechanical testing and validation activities to verify design performance and reliability
- Create, maintain, and manage mechanical engineering data and documentation within established systems
- Provide technical consulting and mentorship to fellow engineers, supporting problem-solving initiatives across disciplines
- Coordinate lessons learned activities and implement continuous improvement measures to enhance processes and outcomes
- Support manufacturing and quality teams to ensure designs are producible and meet all specifications
- Act as a technical leader within your discipline, contributing to competence development and knowledge sharing

Your profile

****Required Qualifications:****

- Bachelor's degree in Mechanical Engineering or a related engineering discipline
- Proficiency in mechanical CAD software (e.g., CATIA, SolidWorks, AutoCAD, or equivalent)
- English language in listening, speaking, reading and writing.
- Strong understanding of mechanical engineering principles, design methodologies, and product development processes
- Demonstrated experience in mechanical design, analysis, and



Job ID
REF10791L

Location
Chang Chun Shi

Leadership level
Leading Self

Legal Entity
**AUMOVIO Automotive
Changchun Co., Ltd. Jingyue
Branch**

optimization

- Solid knowledge of manufacturing processes and design for manufacturability
- Excellent analytical and problem-solving skills with strong attention to detail
- Proven ability to manage projects, including estimation, planning, and tracking
- Strong communication and technical documentation skills
- Experience collaborating with cross-functional teams in a matrix environment
- Familiarity with quality standards and testing methodologies

****Preferred Qualifications:****

- Experience with finite element analysis (FEA) and simulation tools
- Knowledge of industry standards and regulatory requirements relevant to mechanical design
- Project management certification or equivalent experience
- Experience in a manufacturing or automotive environment
- Familiarity with PLM (Product Lifecycle Management) systems
- Track record of leading technical initiatives or mentoring junior engineers
- Experience with rapid prototyping and iterative design processes
- Documentation in SAP, IMDS and CAMDS

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

欧摩威集团于 2025 年9月由大陆集团汽车子集团分拆独立而成。作为一家电子技术与科技公司，欧摩威集团提供广泛的产品组合，致力于让出行安全、愉悦、互联且自主。其业务涵盖传感器解决方案、显示屏技术、制动系统以及舒适系统，并具备软件定义汽车所需的软件、架构平台及辅助系统等全方位技术实力。已归属欧摩威集团的业务领域，在2024 财年实现了196 亿欧元的销售额。集团总部位于德国法兰克福，在全球100多个基地拥有86,000多名员工。

Job Template EN – Automotive

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 over 86,000 employees in more than 100 locations worldwide.