

# SENIOR MECHANICAL ENGINEER

## Your tasks

Senior Engineers / Engineers, (Mechanical Engineering)

Experience: 8+ years

Be part of the mechanical engineering team in the product development of display solutions. The role entails system-level product requirement engineering and product integration scope working with a multinational team.

Responsibilities/Job Scope

ME Responsibilities:

- Design and develop automotive display products
- Develop products according to project life cycles from requirement analysis, concept definition, detail design, design verification, and off-tool validation until release for mass production.
- Prepare engineering documentation, specifications, and reports.

Requirements:

- Degree in mechanical engineering or similar.
- Advance skills in CAD modeling software CATIA and CREO.
- Product design for plastic injection molding, metal stamping, and die casting.
- Knowledge in plastic optical component design.
- Knowledge of secondary processes such as laser cutting, plating, vacuum metallization, in-mould decoration, spray painting, hot stamping, silk screen, etc.
- Strong knowledge of design analysis and tolerance stack calculations.
- Experience with design for manufacturing and troubleshooting.
- Knowledge in soft and hard tooling for prototype making and mass production.
- Good attention to details and able to learn independently in a dynamic environment.
- Team player with good communication skills.
- Self-motivated with a strong passion for product design work.
- customer-oriented and able to work systematically under tight schedules.

## Your profile

A Mechanical Engineer is responsible for designing, developing, testing, and improving mechanical systems, equipment, and machinery. The role involves applying engineering principles to ensure product functionality, safety, efficiency, and cost-effectiveness..

- Bachelor's degree in Mechanical Engineering or related field.



Job ID  
**REF6685B**

Location  
**Bengaluru**

Leadership level  
**Leading Self**

Legal Entity  
**AUMOVIO India Private Limited**

- Strong knowledge of mechanical design principles, materials, and manufacturing processes.
- Proficiency in CAD tools (SolidWorks, CATIA, AutoCAD, or similar).
- Understanding of GD&T, engineering standards, and documentation.
- Experience with FEA/CFD tools (ANSYS, Abaqus, etc.) is an added advantage.
- Strong analytical and problem solving abilities.
- Good communication and teamwork skills.
- Ability to manage multiple tasks and meet project deadlines.

#### Preferred Qualifications

- Master's degree in Mechanical Engineering (optional but beneficial).
- Experience in a specific domain such as automotive, aerospace, HVAC, robotics, or industrial machinery.
- Knowledge of project management tools and methodologies.
- Hands-on experience with manufacturing or prototyping.

#### Our offer

A mechanical engineer is responsible for designing, developing, testing, and improving mechanical systems, equipment, and machinery. The role involves applying engineering principles to ensure product functionality, safety, efficiency, and cost-effectiveness.

#### Key Responsibilities

- Design and develop mechanical components, assemblies, and systems using CAD software (e.g., SolidWorks, AutoCAD, CATIA, Creo).
- Conduct engineering calculations, simulations, and analysis (FEA, CFD, tolerance analysis).
- Prepare detailed engineering drawings, BOMs, and technical documentation.
- Oversee prototype development, testing, and validation activities.
- Collaborate with cross-functional teams including manufacturing, quality, electrical, and production departments.
- Troubleshoot design issues, root cause problems, and implement corrective actions.
- Support manufacturing processes by providing technical guidance and optimizing production methods.
- Ensure compliance with industry standards, regulatory requirements, and safety guidelines.
- Participate in design reviews, risk assessments, and continuous improvement activities.
- Work with suppliers and vendors to evaluate materials, components, and manufacturing capabilities.
- Required Skills & Qualifications

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.