

GM Resident Engineer

Your tasks

Own What's Next.

At AUMOVIO, we own what we do: Developing and producing hardware, software, and services that shape the future of mobility. But what truly sets us apart are our people. People who thrive in our winning culture, driven by bold ideas. People who take a leap and create meaningful difference—together. Because we believe that the future belongs to those who own it. That's why we foster a culture where you own every step of the way.

Own your career, your growth, your skills, and your impact. Join us and own what's next.

Job Description:

AUMOVIO is seeking a detail-oriented and analytical GM Resident Engineer to join our technical team in Auburn Hills, Michigan. In this role, you will serve as an on-site engineering resource, providing technical expertise and support to our manufacturing and production operations. As a Resident Engineer, you will be responsible for analyzing complex automotive systems, identifying solutions to engineering challenges, and collaborating with cross-functional teams to drive continuous improvement and operational excellence.

- Provide on-site technical engineering support to manufacturing facilities and production teams
 - GM Tech Center (30001 Van Dyke, Warren, MI)
 - GM Proving Grounds (3300 General Motors Rd, Milford, MI)
- Conduct root cause analysis on production issues and develop effective corrective action plans
- Analyze automotive systems, components, and processes using engineering tools and methodologies
- Collaborate with manufacturing, quality, and design teams to resolve technical challenges and optimize operations
- Prepare detailed technical documentation, reports, and engineering analyses
- Monitor compliance with quality standards, specifications, and regulatory requirements
- Troubleshoot equipment and systems to minimize downtime and maintain production efficiency
- Support process improvement initiatives and implement engineering solutions
- Participate in design reviews and provide technical recommendations
- Maintain organized records of engineering data, test results, and project documentation

Your profile



Job ID
REF6817Z

Field of work
Project Management

Location
Auburn Hills

Leadership level
Leading Self

Legal Entity
AUMOVIO Systems, Inc.

- Bachelor's degree in Mechanical Engineering, Electrical Engineering, Manufacturing Engineering, or related engineering discipline
- Strong analytical and problem-solving skills
- Excellent technical writing and documentation abilities
- Ability to work effectively in a fast-paced, on-site production environment
- Strong organizational and time management skills

AUMOVIO may offer visa support for internal candidates who currently have a valid employment visa under AUMOVIO Systems, Inc.

AUMOVIO does not offer relocation assistance for this opportunity.

Additional Ways To Stand Out

- Professional Engineer (PE) license
- Six Sigma Green Belt or Black Belt certification
- Knowledge of automotive systems and manufacturing processes
- Experience with GM manufacturing processes and quality standards
- Familiarity with ISO 9001 and automotive quality standards
- Experience with failure mode and effects analysis (FMEA)
- Knowledge of lean manufacturing principles
- Experience with cross-functional project management

Our offer

All your information will be kept confidential according to EEO guidelines.

What we offer

- Immediate Benefits
- Robust Total Rewards Package
- Paid Time Off
- Volunteer Time Off
- Employee Discounts
- Competitive Bonus Programs
- Employee 401k Match
- Employee Assistance Program
- Future Growth Opportunities, including personal and professional
- And many more benefits that come with working for a global industry leader!
- Internal Posting: Salary Clarification

EEO-Statement:

EEO / AA / Disabled / Protected Veteran Employer. AUMOVIO offers equal employment opportunities to all qualified individuals, without regard to unlawful consideration to race, color, sex, sexual orientation, gender identity, age, religion, national origin, disability, veteran status, or any other status protected by applicable law. In addition, as a federal contractor, AUMOVIO complies with government regulations, where

they apply, including affirmative action responsibilities for qualified individuals with a disability and protected veterans. To be considered, you must apply for a specific position for which AUMOVIO has a current posted job opening. Qualifying applications will be considered only for the specific opening(s) to which you apply. If you would like to be considered for additional or future job openings, we encourage you to reapply for other opportunities as they become available. Further, AUMOVIO provides reasonable accommodations to qualified individuals with a disability.

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.