

Robotics Technician

Descrição da função

An ideal candidate for this position will be someone who can work effectively in a small team to implement and maintain robust manufacturing solutions involving collaborative or industrial robotics. Proficiency with industrial and collaborative robots, mechanical design, and HMI/PLC development are integral to this role. Projects will vary from updates to existing equipment, to basic collaborative robot handling solutions all the way to fully integrated production equipment performing operations such as screw-driving, sealant dispense, and product assembly. We utilize the latest Allen-Bradley safety PLCs and industrial and collaborative robots, working closely with our component suppliers to ensure we can stay ahead of the innovation curve. There are no shortage of new ideas and interesting challenges, so you'll have no trouble finding opportunities to make a difference fast!

Core Responsibilities

DESIGN/DEVELOPMENT/IMPLEMENTATION

- Use process requirements and design guidelines
- Review equipment/production concepts; includes:
 - o Safety risk assessment
 - o Mechanical (end-of-arm tool, fixtures, frame, 3d printing, etc.)
 - o Electrical/motor controls (actuators, sensors, communication, HMI, PLC)
- Able to read and write schematics
- o Familiar with Software concepts and interfaces (PLC and HMI)
- Debug equipment (robot interface to process equipment)
- Work with engineers and managers for coordination of line moves and installation.
- Setup/teach robotics during implementation phase
- Support integration of robotic systems with PLCs, sensors, vision systems and safety devices.
- Machine building (conveyors - powered, gravity, vision systems, etc)

CONTINUOUS IMPROVEMENT

- Escalation point for production support topics - production process priority
- Identify, support, and implement improvement efforts to meet line production OEE, Scrap goals, and equipment MTBF goals
- Support AGV systems
- analyzing data to determine best support for production process improvement

INNOVATION:

- Evaluate new technologies to enhance capabilities, some examples:
 - o Robotics with integrated AI-enhanced vision
 - o Advances to safeguarding



Identificação da vaga
REF7457X

Área funcional
Industrial Engineering

Local
New Braunfels

Nível de liderança
Leading Self

Pessoa jurídica
**AUMOVIO Autonomous Mobility
US, LLC**

ROBOTIC SYSTEM SUPPORT & MAINTENANCE

- Install, configure, maintain, and troubleshoot Staubli, UR, and Epson robotic systems and knowledge of end of arm tooling
- Perform routine preventative maintenance including calibration, lubrication, testing, and safety checks.
- Diagnose mechanical, pneumatic, electrical, and programming-related issues to minimize downtime.
- On call rotation supporting robotics and automation functions

PLC & AUTOMATION CONTROLS

Troubleshoot and optimize Beckhoff PLC platforms (TwinCAT preferred).

Troubleshoot and maintain Allen-Bradley PLCs (Studio 5000).

Support integration of robotic systems with PLCs, sensors, vision systems and safety devices.

Understand network topology

Requisitos

WHAT YOU BRING TO THE ROLE

- Associates degree in a technical discipline or 10+ years relevant experience / equivalent military background in lieu of the degree
- 5+ years' experience installing, teaching, and maintaining collaborative robots
- PLC troubleshooting with Beckhoff or Allen Bradley
- Strong electronics and pneumatic background - able to read electrical schematics, mechanical drawings and programming documentation
- Strong time management skills with the ability to manage multiple priorities
- Clear communication skills

Physical Requirements/Work Environment

- *Ability to work on a manufacturing shopfloor environment
- *Must wear company-provided ESD safety-toed shoes, smock, and other PPE in required areas
- *Sitting or standing for 8+ hours, reaching, and using hands/fingers to operate a computer and other office equipment
- *Must be able to push, pull, reach, twist, turn, stoop for duration of 8+ hour shifts
- *Ability to lift or carry objects up to 40 lbs. unassisted
- *Ability to climb ladders
- *Ability to bend at waist and perform repetitive foot and hand action
- *Dexterity of hands and fingers to operate any required computer keyboard, mouse, and other technical instruments.

O que oferecemos

All your information will be kept confidential according to EEO

guidelines.

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.**

Quem somos

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.