



Job Title: Controls Engineer

Job Type: Full-time

Job Overview

Mechatronic Solutions (Maple Grove, MN) is seeking a Controls Engineer to apply and provide technical expertise in electro-mechanical systems such as PLCs, HMIs, robotic cells, multi-axis servo systems, VFDs, vision systems, machine safety, electrical control panels and other automation components. This position is critical to the pre-sales and post-sales success of the company. The ideal candidate has experience with various automation technologies, ladder logic and structured text programming, electrical schematics, and panel layouts.

Responsibilities:

- Support Customers & Sales Engineering Team with pre-sales specification & sizing of automation equipment, develop proof-of-concept demos, provide sample code or programs to customers, and post-sales technical support.
- Provide design review support for electrical control panel designs and schematics.
- Periodically visit customer sites for pre & post-sales support.
- Develop & lead training programs and classes for customers.
- Maintain a library of demo and proof-of-concept projects that can quickly be re-commissioned or shown to customers.
- Actively work with Marketing to document application success stories and exciting proof-of-concept demos through technical notes, videos and other material to be used to promote Mechatronic Solutions.
- Maintain demo equipment in working order for customer visits.
- Provide updates to Application Engineering Manager & leadership team.



Requirements:

- BS in Electrical or Mechanical Engineering or equivalent experience.
- 2+ years' experience working with electro-mechanical automation components or equipment. Preferably as a Controls Engineer.
- PLC programming experience with ladder logic, structured text, robot programming languages and HMI development.
- Ability to work a 40 hour work week in core set of business hours (typically 8 to 5 pm Monday through Friday) to respond quickly to customers.
- Strong communication and interpersonal skills.
- Working knowledge of MS Office.

Company Description

Mechatronic Solutions is a distributor of high quality automation technology products, solutions, and services in the upper Midwest. Key attributes that define Mechatronic Solutions success:

- Partnership and teamwork with our customers, suppliers and co-workers
- Company culture for hardworking, positive, and enthusiastic people.

Continually improving company processes to provide higher value to customers, suppliers and Mechatronic Solution's employees.



Benefits:

- 401(k)
- 401(k) matching
- Dental insurance
- Flexible schedule
- Health insurance
- Health savings account
- Paid time off
- Retirement plan
- Tuition reimbursement

Schedule:

- Day shift
- Monday to Friday

Supplemental pay types:

- Bonus opportunities

Work Location: In person