

## Automation Engineer

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Millennium Control Systems, LLC (MCS) offers turn-key automation solutions including engineering, manufacturing, and onsite installation/commissioning. Millennium is a recognized leader in providing engineered control systems and software solutions for the glass, metals, tire & rubber, pulp & paper and building products industries. Founded in 1997, MCS has demonstrated expertise in analysis, planning, project management, design, and support services. We have been consistently meeting and exceeding customers' expectations since then. We are a growing company headquartered in an attractive and convenient suburb of Cleveland with offices also located in the Atlanta area and satellite locations around the country.

As an engineering company, we continuously pursue innovative ways to leverage our expertise. We provide control systems and application solutions that range from complete system design and implementation to existing system expansion and upgrades, from application and software development to start-up and commissioning. Our commitment does not end at the commissioning – we provide extensive after start-up service and support.

Our process is simple. First and foremost, we begin with an understanding of our client's needs so we can help our clients achieve their goals. Then we deliver. Our philosophy of keeping the same personnel involved from design inception through commissioning and order completion ensures continuity and reduces potential risk. The results speak for themselves.

Millennium Control Systems is seeking an Automation Engineer who has a passion for control systems and application solutions. We offer professional challenges, personal rewards, competitive compensation, and a comprehensive benefits package that includes Health, Dental, Vision, 401(k) with company match, paid time off and holidays.

### **Essential Functions:**

- » Develop PLC programming
- » Develop code from specifications in multiple control platforms
- » Design, implement, and commission drive control systems
- » Develop motion-based machine control solutions meeting customer specifications and all applicable safety standards and functional requirements
- » Develop HMI and SCADA control solutions meeting customer specifications and functional requirements
- » Learn and implement new control platform solutions in a self-paced on the job environment
- » Responsible for accuracy and content of design, as assigned by team manager
- » Interface with customers, project managers, and sales team
- » Development, testing, and commissioning (will require travel to customer sites) of projects
- » Remote and onsite customer service
- » Review drawings for accuracy
- » Train end user personnel on system, when required

### **Requirements** (including but not limited to):

- » Ability to read and understand electrical schematics for control systems
- » Must have proven experience in PLC logic and programming for Allen Bradley with any of the following PLC's a plus: Modicon, GE Fanuc, Siemens, Automation Direct, Mitsubishi, Omron, Aromat, Toshiba, etc.
- » Ability to troubleshoot unfamiliar systems with a structured approach

- » Ability to document work and provide concise reports and manuals
- » Ability to commission AC, DC, and Motion drives
- » Knowledge and experience with drive control systems, understand AC & DC motor theory, multiplatform and multi-vendor experience a plus
- » Knowledge and/or experience in ACAD, ACAD Electrical, and EPlan
- » Motion control experience is preferred
- » Must have proven experience with HMI or SCADA programming for Allen Bradley with configuration of any of the following software packages a plus: Wonderware, Intellution, GE Cimplicity, Ci-Tech, Iconics, Siemens, U.S. Data, etc.
- » Working knowledge of NEC, NFPA-79, and UL-508 Industry Safety Standards
- » Multi-industry experience a plus
- » Robot programming experience a plus
- » Good communication skills a must

**Attributes:**

- » Have the willingness to travel; approximately 30 - 50% (dependent upon project and location) - domestic and international
- » Be eager to learn new products as needed
- » Demonstrate strong client focus; interact with customers and vendors while representing company in a professional manner
- » Be responsible, reliable, and quick to respond in order to service customers, on time and within budget
- » Embrace constant change in a fast-paced, engineering/manufacturing/installation environment
- » Communicate effectively with peers, management, and customers while demonstrating excellent communication skills
- » Exercise good judgment and independent decision-making skills
- » Effective time management and organizational skills
- » Be proactive, dependable, and a team player
- » Be creative, inventive, logical, practical, analytical, innovative, and technologically capable
- » Be detail-oriented and well-organized
- » Practice problem-solving skills and abilities
- » Embrace ownership and responsibility for assigned tasks

**Education and Experience:**

- » Two (2) or more years of experience preferred

**Physical Requirements:**

- » Ability to work in plant environments and perform all necessary commissioning and physical tasks

We look forward to your application.

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