Automation Software Engineer

Position Overview:
Repete, a leading software automation controls company with world headquarters in the greater Milwaukee area, develops and implements solutions for animal nutrition and related industries throughout the world. We provide a results-oriented, fun, and healthy work environment for our employees. Repete was recognized as a Future 50 company & 2024 Top Workplace in the greater Milwaukee area.

We seek a highly motivated Automation Software Engineer who wants to help make feeding the world easier by delivering automation solutions to a diverse global customer base. The ideal candidate will have a strong foundation in software development, automation, and industrial control systems. This role is perfect for individuals with a combination of degrees or focus in Mechanical, Electrical, and Computer Engineering. You will work within a Microsoft technology stack and Allen Bradley PLCs to create robust and scalable automation solutions. This position requires strong analytical skills, a passion for automation, and a willingness to work in a dynamic, collaborative environment.

Responsibilities:
- Identify automation system behavior that meets the customer's business goals and translate that high-level behavior into a detailed specification that reflects actual implementation.
- Implement software solutions to automate industrial processes, ensuring efficiency and reliability.
- Support installations of custom solutions to ensure expected behavior meets customer's expectations.
- Analyze and resolve software automation issues in a systematic manner.
- Work closely with senior engineers to gain hands-on experience in automation solutions.

Qualifications and Skills:
- Educational Background:
    - A bachelor's degree in Mechanical, Electrical, or Computer Engineering or relevant experience in related field is preferred.
- Technical Skills:
    - Proficient in software development practices with understanding in VB.NET, XML, GIT, Visual Studio.
    - Experience with Allen Bradley PLC (Logix5000, Control and Compact Logix).
    - Knowledge of typical factory automation equipment (motors, VFD's, sensors, etc.)
    - Familiarity with PC Operating systems (Win10), basic networking, and SQL databases is beneficial.
    - Understanding of industrial automation principles and control systems.
- Soft Skills:
    - Strong problem-solving and analytical skills.
    - Excellent communication skills, both verbal and written.
    - Ability to work independently and collaboratively in a team environment.
    - Passion for automation and continuous learning.
- Other Qualifications:
    - May require work on weekends or outside of normal business hours (8AM to 5PM CT).
    - Bilingual is a plus.

What We Offer:
- Competitive salary based on experience.
- Comprehensive benefits package, including health, dental, and vision insurance.
- 401(k) retirement plan with company match.
- Paid time off and holiday pay.
- Flexible, hybrid work environment (home and office).
- Career development opportunities in a growing and innovative industry.