

# INNOVATE YOUR FUTURE



**INNOVATIVE**<sup>®</sup>  
AUTOMATION. LEAD GLOBALLY.

## SR. CONTROLS PROGRAMMER

*Innovative Automation has a unique company culture where every member of the team is empowered, and all new ideas are welcome. We place a high value on fostering an environment of respect and trust between all team members. Innovative Automation listens to, invests in and supports employees, offering advanced skills training, and opportunities for advancement.*

### POSITION OVERVIEW

Reports to: Controls Department Manager

Innovative Automation is looking for a Senior Controls Programmer to join our team of Innovators. In this position, you will program and develop software for the operation of automated equipment, and for the manipulation of associated data.

The ideal candidate has a love of learning, as every single day presents exciting new challenges. You will quickly become a core part of the Innovative team and an active decision maker helping to guide our output.

### KEY RESPONSIBILITIES

- Understand and apply basic ladder logic principles, including sequencer and analog control for I/O systems of 128 I/O or less. Ability to program and interface basic HMI screens for projects as required.
- Understand Innovative Automation Inc. scheduling and budget requirements, and apply personal management skills to meet required time and material allowances.
- Communicate effectively with management, fellow staff, and customers the status of current projects, project concerns, and possible solutions.
- Review machine function with senior electrical developer, mechanical design personnel, and mechanical developer associated with the project.
- Study drawings, manuals, and specifications, then using appropriate software proceed to write all necessary programs.
- Document all software written as per Innovative Automation Inc. standards.
- Develop all software written so as to achieve specified performance criteria.
- Development will be done in a “team” environment, which will include electrical and mechanical interests
- Research and develop application and use of products involved in a project.
- Research and development records to be filed for future reference. Successes and failures to be entered into the PGA file under “Best Practices”.
- Mark drawings to “as built” throughout the project.
- Ability to program I/O systems in excess of 128 I/O. Systems could include networked components, motion control, vision, robotics, and weld control.
- Ability to understand, and apply, high-end PLC commands and HMI usage.
- Project management throughout the entire phase.
- Organize and manage multiple staff of similar skill levels where projects require team approach to maintain scheduling.
- Understand and apply SCADA systems.
- Prepare and present demonstrations in a professional manner.
- Non-conformances throughout the project are to be recorded as per ISO policy.

- As per ISO policy, Project Requirements form is to be initialled once associated phase of a project is complete.
- Occasional travel as required within North America.

## QUALIFICATIONS

- Minimum Diploma in Electrical Engineering or Equivalent Specialized Experience.
- Minimum 2+ Years' Experience within the Automation or Automotive Manufacturing Field.
- Skills are required to perform multiple, technical tasks with a need to periodically upgrade skills in order to meet changing job conditions.

## HOW TO APPLY

Innovative Automation is always looking for talented people, so even if you don't currently see a job that fits your skill set, please forward us your resume if you feel you would like to become part of our team. All resumes will be evaluated and kept on file.

We thank all applicants but advise that only those to be considered for an interview will be contacted.

Innovative Automation welcomes and encourages applications from people with disabilities. Accommodations are available on request for candidates taking part in all aspects of the selection process.

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