Robotics Engineer & Programmer

About Gradel Lightweight:

Gradel Lightweight, a leader in innovative composite lightweight solutions, is at the forefront of revolutionizing industries such as aerospace, automotive, and consumer products. Our dedication to pioneering advanced manufacturing techniques is the driving force behind our search for dedicated, inventive, and technically adept professionals to expand our dynamic team.

Position Overview:

We are seeking a skilled **Robotics Engineer & Programmer** to enhance our team's capabilities. In this pivotal role, you will play a significant role in our product development. This role is ideal for individuals who are passionate about robotics and have a blend of technical skills in both operating and programming industrial robotics systems. The successful candidate will play a crucial role in maintaining and optimizing our robotic systems, ensuring they operate at peak efficiency and meet our high standards of performance. We expect a high level of autonomy, ownership, and a strong willingness to learn.

Key Responsibilities:

- Program and configure ABB industrial robots, using ABB RAPID and Robot Studio, tailoring them to meet robotics winding task requirements.
- Operate, monitor, and troubleshoot industrial robotic systems, including (PLC) issues, ensuring seamless production operations.
- Develop, document, and maintain robotic programming and operational procedures.
- Create production-ready Industrial robotics programs.
- Design and implement training programs for team members and operators in the use of robotic systems.
- Conduct routine maintenance and repairs on robotic systems to minimize downtime.
- Collaborate with Cross functional teams to integrate new programs and procedures into existing robotic systems.
- Stay abreast of the latest trends and advancements in robotics and automation technologies.
- Uphold strict safety standards and protocols in all robotics operations.

Qualifications:

- Degree in Robotics, Mechatronics, Electrical Engineering or equivalent industry experience.
- Demonstrated experience in programming and operating industrial robotics systems.
- Proficiency in ABB Robotic programming languages and software (RAPID and Robot Studio)
- Strong mechanical aptitude and understanding of electronic systems.
- Enthusiasm for engaging in hands-on tasks as part of the job responsibilities.
- Excellent problem-solving skills and attention to detail.
- Ability to work independently as well as collaboratively in a team environment.
- Strong communication skills both written and verbal.
- Fluency in English; proficiency in French or other languages is a plus.

Preferred Qualifications:

- Understanding material behaviors, particularly in composite materials.
- Understanding of PLC programming and integration.

If you are interested in taking this challenging opportunity and wish to take part actively to our development, please send your application (CV + cover letter) to job@gradel.lu.
The selection process may be extensive, and early applications are advisable. All information provided will be treated with confidentiality and disclosed only to employees involved in the hiring process.

#Robotics #ABB #Programming #Robotics engineer #PLC