

## OPEN POSITION:

### SENIOR ROBOTICS SOFTWARE ENGINEER

<b>ABOUT THE ROLE</b>	<p>The resource will be integrated into the Robotics Software Department reporting directly to the Robotics Software Manager. He/she will be involved in a number of key activities within our operational environment. In particular, he/she will be in charge of software development for ABB robots, Comau, Fanuc and Kuka by adapting the solutions to the specific needs of our customised robot cells. He/she will also be responsible for PLC and HMI software development, focusing on platforms such as Siemens and Rockwell. Another important part of his role will be to conduct tests and trials at our premises, in order to ensure the correct functioning of the robotic islands. Once this phase is completed, he/she will be involved in the commissioning of the systems at customer sites, providing direct support during the implementation process.</p>
<b>RESPONSIBILITIES</b>	<p>The resource:</p> <ul style="list-style-type: none"> <li>• will be in charge of software development in high-level structured programming language (such as RAPID or PDL2) for the realisation of routines and tasks;</li> <li>• will participate in the testing which is carried out at the company's premises;</li> <li>• will follow the commissioning for the relevant part and the training of the customer's personnel;</li> <li>• such software is created using the development environments of Polytec's main technological partners in the robotics field: ABB (RobotStudio), Comau, Fanuc, Kuka;</li> <li>• depending on the customer and the type of project, the person will be involved in the various development environments, supervised by the department manager and in collaboration with senior resources;</li> <li>• he/she will be trained in the knowledge of the software programming of the PLCs auxiliary to the robotic islands;</li> <li>• will be involved in the development of software in Ladder/KOP language and in the parameterisation and calibration of inverters;</li> </ul>
<b>LOCATION</b>	<ul style="list-style-type: none"> <li>• Borgo Chiese (TN) (Headquarters, production of electrical panels and robot islands, testing and verification, offices for software development, electrical and mechanical design);</li> <li>• Calvagese della Riviera (Department with offices and production - after training period).</li> </ul>
<b>REQUIREMENTS</b>	<ul style="list-style-type: none"> <li>• At least 5 years' experience in the role;</li> <li>• Willingness to learn new computer skills applied to the industrial sector;</li> <li>• Diploma and/or degree in electronics, electrical engineering, industrial automation or similar;</li> <li>• Availability for occasional travel in Italy and abroad;</li> </ul>

	<ul style="list-style-type: none"> <li>• Good knowledge of the English language.</li> </ul>
<b>REQUIRED TECHNICAL SKILLS</b>	<ul style="list-style-type: none"> <li>• Ability to read circuit diagrams and technical documentation;</li> <li>• Knowledge of sensors applied to industrial automation;</li> <li>• Knowledge of robots and their kinematic/dynamic operation;</li> <li>• Knowledge of structured programming.</li> </ul>
<b>WHAT WE OFFER</b>	<ul style="list-style-type: none"> <li>• Equipment: Smartphone and PC.</li> <li>• Shared apartment/hotel for non-residents during training period at the Borgo Chiese headquarters.</li> <li>• Technical, linguistic, and managerial training.</li> <li>• Opportunity to work for a rapidly growing international group in the field of robotics and industrial automation.</li> <li>• Opportunity to grow and improve the job position, aspiring over the years to acquire responsibilities within the company.</li> <li>• Opportunity to travel and meet new people from different linguistic and cultural backgrounds.</li> <li>• Opportunity to take part in innovative research and development activities.</li> </ul>
<b>ABOUT US</b>	<p><b>Polytec</b>, a BM Group company, develops technologically advanced automation systems and robotic solutions, supporting industry on the path towards digital transformation.</p> <p><b>BM Group</b> is an Italian industrial group that combines companies with different specialisations that share a common goal: to enable industry to undergo the technological transformation necessary to become a smart and sustainable factory. The BM Group team is young, dynamic, and constantly collaborates with research centres and universities. For each new figure included in our staff, an induction programme is defined in the hiring phase in accordance with experience and skills. We organise and promote training courses with a view to continuous improvement.</p>
<b>APPLICATION INFORMATION</b>	<ul style="list-style-type: none"> <li>• RAL to be defined based on the professional profile.</li> <li>• The job offer is aimed at both sexes (law 903/77)</li> <li>• Information on the treatment of personal data (2016/679 GDPR): <a href="https://bmgroup.com/wp-content/uploads/2024/03/Informativa-Candidati-Contitolarita-BM-Group-v.23.03.24.pdf">https://bmgroup.com/wp-content/uploads/2024/03/Informativa-Candidati-Contitolarita-BM-Group-v.23.03.24.pdf</a></li> </ul>