



Cebi is a leading developer and manufacturer of components for automotive applications, household appliances, ventilation, electric vehicles and other industrial applications, employing more than 3000 people in 13 countries. Among its customers are the most prestigious automotive and household appliance manufacturers.

Cebi Luxembourg S.A., the production company located in Steinsel, employs more than 600 people. In the framework of the Industry 4.0 strategy of the Cebi Group, Cebi Luxembourg is looking for an industrial IT specialist to contribute to the Industry 4.0 project:

Industrial IT / Automation specialist for Industry 4.0 (m/f)

Your Mission:

- Implementation and configuration of Industry 4.0 solutions in the plant following I4.0 design principles:
 - Interoperability: ability of machines, devices, sensors, and people to connect and communicate with each other via the Internet of Things (IoT);
 - Information transparency: ability of information systems to create a virtual copy of the physical world by enriching digital plant models with sensor data. This requires the aggregation of raw sensor data to higher-value context information (semantic);
 - Technical assistance: ability of assistance systems to support humans by aggregating and visualizing information comprehensibility for making informed decisions and solving urgent problems on short notice;
 - Decentralized decisions: ability of cyber physical systems to make decisions on their own and to perform their tasks as autonomously as possible.
- Daily contact and work with cross functional team such as Manufacturing/Quality/Production & IT at all levels, including the gathering of requirements in order to provide solutions targeted at improving quality and cost performance;
- Collaborate closely with researcher from the University of Luxembourg and tech-startups;
- Define and manage industrial IT Architecture for all the production lines;
- Research and implement new products and technologies to the manufacturing environment to improve manufacturing methods and processes;
- Program and configure PLCs, HMI, IoT systems (sensors, gateway, connected devices), configure, install and commission new/retrofitted platforms;
- Develop and program chosen IoT applications and networks;
- Train and educate the user community to adopt and utilize the new solutions, software, processes, etc.
- Create and maintain project documentation, manage BOMs and order electronic components.

Your Profile:

- A recognized University Degree, preferred in Industrial Engineering, Manufacturing Engineering, Computer Engineering or similar field;
- 1-2 years' experience with automation/industrial IT/Industry 4.0/IT/digitalization solutions;
- Excellent understanding of manufacturing principles, CNC Machine function, PLC, and robotics;
- Related experience in programming embedded processors like Arduino, Raspberry pi or others;
- Basic knowledge in industrial networks and protocols (OPC-UA, MQTT);
- Hands-on approach and problem solving driven;
- Able to understand production processes data;
- Demonstrate autonomy, adaptability and flexibility;
- Team player with good communications skills in English (spoken and written), and any other language is an asset.

For applications :

www.cebi.com