



## Company Description

**Magna International Inc.** is a leading global automotive supplier dedicated to delivering new mobility solutions and technology that will change the world. Our products can be found on most vehicles today and come from 340 manufacturing operations and 90 product development, engineering, and sales centers in 29 countries. We have over 161,000 employees focused on delivering superior value to our customers through innovative processes and world-class manufacturing.

Magna Mirrors South-East Europe, a division of Magna Mechatronics, Mirrors & Lighting - leading supplier of innovative closure systems, modules and exterior and interior mirror systems, is opening the following position for the new Magna Mirrors factory located in Ohrid/Struga region:

## INDUSTRY 4.0 ENGINEER

The Industry 4.0 Engineer supports the division's digital transformation by developing, deploying, and maintaining Industry 4.0 that improve manufacturing performance, optimize processes, and increase connectivity across ERP, MES, SCADA, and shop-floor systems. The role focuses on practical implementation, data integration, automation support, and development of local digital tools—aligned with corporate Industry 4.0 standards and ISA-95/88, RAMI 4.0, and IEC 62443 but executed at the division level.

### Your Responsibilities:

- Develop and support in-house Industry 4.0 applications using more advanced coding and security system development with .NET, Python, SQL, Power BI.
- Create user-friendly dashboards, digital workflows, and analytics tools for production, maintenance, and quality teams.
- Troubleshoot software, connectivity, and MQTT adapter issues.
- Integrate shop-floor equipment using OPC UA, MQTT, Modbus/TCP, and other industrial protocols.
- Deploy and maintain edge connectivity and data communication layers.
- Support integration between MES/MOM, ERP, SCADA/HMI, and historian systems.
- Assist in system design and documentation for new digital and automation initiatives.
- Build data pipelines into SQL, BI tools, or cloud platforms and validate data integrity.

- Develop dashboards for OEE, downtime, energy usage, and production flow analytics.
- Support cybersecurity compliance (IEC 62443) and maintain secure device connectivity.
- Identify digital improvement opportunities across operations and logistics.
- Provide training and support to local users on Industry 4.0 tools.

### **Who are we looking for:**

- Diploma or degree in Computer Science, Engineering, Mechatronics, or related field.
- Minimum 3 years of experience in digital manufacturing systems, automation, IIoT, or related technologies.
- Experience with PLC/SCADA, MES/MOM, data platforms, or industrial connectivity.
- Proficiency in .NET, Python, SQL Server, Power Platform, Node.js, JSON.
- Knowledge of industrial protocols (OPC UA, MQTT, Modbus/TCP, Ethernet/IP).

### **In addition, we offer you the following site benefits:**

- Flexible working hours for a good work-life balance;
- Health programs, sports and team events;
- Training program and exciting internal development opportunities;
- Canteen, and organized transport;
- Private Health Insurance.

**Place of work:** TIRZ Ohrid/Struga

**Application deadline:** 28/02/2026

If you are interested to join our team and have the required knowledge and skills, please send your CV to the following e-mail address: [job.mk@magna.com](mailto:job.mk@magna.com) with subject: "Industry 4.0 Engineer" no later than 28/02/2026.

With submitting your CV you agree for your information to be kept in our database of candidates for 12 months. Please note that only selected candidates will be invited for an interview.