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:

INDUSTRIAL IOT DEVELOPER

The IT Industry 4.0 Developer is responsible for designing, developing, and deploying advanced digital manufacturing solutions that integrate automation, data analytics, and shop-floor systems. This role leads to Industry 4.0 initiatives by building smart applications, implementing connectivity between machines and systems, and developing tools that enhance real-time data visibility, productivity, and decision-making across the plant.

Your Responsibilities:

- Coordinate the design, development, and implementation of Industry 4.0 applications, integrations, and smart factory solutions.
- Develop scalable software and automation tools using Python, .NET (C#, ASP.NET), and SQL.
- Build, configure, and maintain HMI/SCADA solutions using Ignition for real-time monitoring, data collection, and visualization.
- Develop and deploy PLC communication, data interfaces, and machine connectivity solutions aligned with Industry 4.0 standards.
- Implement and support MES/SCADA communication using OPC (Kepware, MQTT)
- Create and maintain advanced dashboards and analytics models using Power BI.
- Analyze existing business systems, manufacturing workflows, and data needs to recommend and implement innovative digital solutions.
- Integrate data from ERP/MRP, shop-floor systems, and automation equipment into unified reporting platforms.
- Present project updates, system capabilities, and technical information to leadership and cross-functional teams.

- Write, test, and maintain custom applications supporting production, engineering, maintenance, and quality teams.
- Support and mentor junior developers and act as a technical authority for Industry 4.0 development.
- Lead troubleshooting, root-cause analysis, and continuous improvement of digital manufacturing processes.

Who are we looking for:

- Bachelor's degree in computer science, Information Systems, Engineering, or equivalent experience.
- Minimum 5+ years of development experience in a manufacturing, automation, or industrial IT environment.
- Strong proficiency with: Python, Ignition (SCADA/HMI), .NET / C# / ASP.NET, Power BI (data modeling & DAX), PLC programming & controls fundamentals
- Experience with SQL Server, database design, stored procedures, and backend development.
- Ability to design, code, test, debug, and deploy high-quality software solutions.
- Strong understanding of shop-floor processes, data collection, automation infrastructure, and manufacturing systems.

Your preferred qualifications:

- Cybersecurity for IoT
- MQTT, OPC UA, and IIoT Security
- ITL and Prince 2 certifications – advantage to have

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** with subject: "**Logistics Process 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.