

Mechatronics Engineer Sustainable Infrastructure - Tires

Descrição da função

As Mechatronics Engineer in Sustainable Infrastructure department, your main responsibilities will be:

- **SCADA Systems Programming:**
 - Design, development, and maintenance of Supervisory Control and Data Acquisition (SCADA) systems for monitoring and control of infrastructure.
- **Ignition SCADA Development:**
 - Experience using Inductive Automation's Ignition platform for real-time control systems and industrial IoT applications.
- **Kepware Configuration:**
 - Setup and configuration of Kepware for data communication between industrial devices and applications using OPC, Modbus, and other protocols.
- **Siemens WinCC Programming:**
 - Development and customization of HMI interfaces using WinCC for process visualization and control.
- **Database Programming:**
 - **MySQL:** Data storage, retrieval, and reporting using SQL queries for integration with industrial systems.
- **Programming Languages:**
 - **Java, C++:** Development of applications or backend processes related to automation and system control.
 - **Mess-DAS (Measurement Data Acquisition Systems):** Configuration and integration with control systems for data logging and analysis.
- **Networking and IP Systems:**
 - Understanding of network architectures, subnetting, routing, and IP classes.
 - Ability to configure and troubleshoot industrial Ethernet networks.
- **PLC Knowledge:**
 - In-depth knowledge of **Siemens PLCs (S7-1200, S7-1500, etc.)** and associated I/O modules.
 - Ladder Logic and Function Block Diagram programming for automation processes.
- **Communication Protocols:**
 - Practical experience with industrial communication protocols such as:
 - **BACnet/IP** - Building automation and control networking protocol.
 - **Modbus RTU** - Serial communication protocol used in industrial devices.
- **Data Visualization and BI Tools:**
 - **Power BI:** Creating dashboards, visual reports, and data analysis tools to monitor infrastructure performance.



Identificação da vaga
REF98105R

Local
Timisoara

Nível de liderança
Leading Self

Modalidade de trabalho
Hybrid Job

Pessoa jurídica
**S.C. Continental Automotive
Products S.R.L.**

Requisitos

- Degree in Mechanical Engineering- Mechatronics, or a related technical field
- Mandatory: Knowledge of Java, C++, Scada, SQL
- Advanced proficiency in Microsoft Office Suite (Excel, Word, PowerPoint) for documentation, reporting, and analysis;
- Minimum 1-2 years experience in Utilities;
- English - minimum B2.

O que oferecemos

What we offer:

- 13th salary
- Performance bonus
- Christmas & Easter bonus
- Seniority bonus
- Flexible working time;
- Home office;
- Competitive salaries & benefits;
- Health & wellness (Life Assurance, Private Health and Dental Insurance, Sport activities, Canteen, 24/7 Helpline with Psychologists etc.);
- Different discounts (tires, glasses, medical, shopping, etc.)
- Relocation bonus for non-Timisoara Residents
- Professional development opportunities (in Technical and Leadership Areas);
- International Work Environment & Traveling Opportunities.

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Quem somos

Continental develops pioneering technologies and services for sustainable and connected mobility of people and their goods. Founded in 1871, the technology company offers safe, efficient, intelligent and affordable solutions for vehicles, machines, traffic and transportation. In 2024, Continental generated sales of €39.7 billion and currently employs around 190,000 people in 55 countries and markets.

With its premium portfolio in the car, truck, bus, two-wheel and specialty tire segment, the Tires group sector stands for innovative solutions in tire technology. Intelligent products and services related to tires and the promotion of sustainability complete the product portfolio. For specialist dealers and fleet management, Tires offers digital tire monitoring and tire management systems, in addition to other services, with the aim of keeping fleets mobile and increasing their efficiency. With its tires, Continental makes a significant contribution to safe, efficient and environmentally friendly mobility.