

Mechatronics Engineer Sustainable Infrastructure - Tires

담당 업무

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.



직무-아이디
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법률 고지
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지원자 프로필

- 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.

채우 조건

What we offer:

- 13th salary
- Performance bonus
- Christmas & Easter bonus
- Seniority bonus
- Flexible working time;
- Home office;
- Competitive salaries & benefits;
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기업 소개

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