

Harvesting the Future.



CLAAS



Intern / CLAAS Inside (m/f/d) Industrial IoT in Manufacturing

We offer an exciting opportunity for students: Support **CLAAS** in the implementation of cutting-edge industrial IoT solutions!

What you can expect:

- Developing and integrating IIoT features for AGV/AMR systems and RTLS.
- Assisting in the implementation of use cases related to:
 - Data ingestion and processing for manufacturing systems.
 - Real-time visualization dashboards for operational insights.
 - Communication between systems using MQTT and Kafka protocols.
- Supporting our architecture design with modern tools and technologies like:
 - Docker and Kubernetes for containerization and orchestration.
 - Python and JavaScript for developing applications and integrations.
 - Grafana for real-time monitoring and visualization.
- Collaborating with a team of IT/OT engineers to solve practical challenges in industrial automation and IoT.

What we expect from you:

- You are studying engineering, IT or similar with a focus on emerging technologies such as IoT, industrial automation, networked systems, or robotics or electronics.
- You have experience in programming in Python and/or JavaScript and first knowledge with IoT protocols (e.g., MQTT, Kafka) and of containerization and orchestration (e.g., Docker, Kubernetes).
- You have passion for problem-solving and learning new technologies.
- You are recognized for your analytical and interpersonal skills.
- Good English skills ensure that you can communicate in an international context.
- You like to perform independently. Reliability is a key for you to successfully

CLAAS is one of the world's leading manufacturers of agricultural engineering equipment. Our modern harvesters, tractors, balers and farming information technologies help to serve the rising demand for food, energy and commodities.

With round about 12,000 employees at our sites worldwide we generate turnover of 5 billion euros.

At CLAAS, we are at the forefront of agricultural machinery innovation, combining world-class manufacturing processes with cutting-edge technology.

Our IT/OT Manufacturing

Department is driving the digital transformation of our production systems to enhance efficiency, traceability, and automation across the shop floor.

Start date: With immediate effect

Location: Harsewinkel

Your contact: Susanne Kurtz

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