

We are Joyson Safety Systems – A Mobility Safety Company.

Joyson Safety Systems ist einer der global führenden Entwickler und Hersteller von automobilen Insassenschutzsystemen mit einem Umsatz von ca. 5,3 Mrd. Euro und weltweit mehr als 43.800 Mitarbeiterinnen und Mitarbeitern. Wir stehen für Innovation und Fortschritt. Als zuverlässiger und kompetenter Partner der Automobilindustrie konzipieren, entwickeln und produzieren wir Insassenschutzsysteme und -komponenten. Unser Produktportfolio besteht aus Lenkrädern, Airbags und Generatoren, Sicherheitsgurten, technischen Kunststoffteilen, Elektronik und Sensorik. Damit beliefern wir weltweit nahezu alle namhaften Kraftfahrzeughersteller.

Joyson Safety Systems is one of the leading global developers and manufacturers of automobile occupant protection systems with a turnover of ca. 4,8 billion euros and more than 50,000 employees worldwide. We represent innovation and progress. As a reliable and skilled partner of the automobile industry, we design, develop and produce occupant protection systems and components. Our portfolio includes steering wheels, airbags and generators, safety belts, technical plastic components, electronics and sensor technology which we supply to nearly all renown vehicle manufacturers worldwide.

Our team in Aschaffenburg needs support and we are seeking:

Engineer AI & Digitalization GIO (all genders)

Site:

Aschaffenburg

What you can change – your duties

Drive the identification, development, and implementation of artificial intelligence and digital solutions to improve business processes, development efficiency, and decision-making across the organization.

Design, develop, and deploy AI/ML models (e.g. predictive analytics, anomaly detection, optimization, computer vision, NLP).

Translate business and engineering problems into data-driven solutions.

Monitor, validate, and continuously improve AI models in engineering.

Interface to global AI governance board and other functions for AI related purpose.

Identify opportunities to digitalize and automate manual or inefficient processes.

Execute digital transformation initiatives from concept to rollout.

Collaborate with IT and data teams to ensure reliable data pipelines and system interfaces.

Integrate AI solutions with existing IT systems (ERP, MES, PLM, CRM, etc.).

Create technical documentation, standard procedures, and guidelines for AI-driven processes and workflows

Ensure data quality, security, and compliance with internal and external standards.

Support change management, training, and adoption of digital solutions.

Contribute to digital and AI strategy, roadmaps, and best practices.

Manage special projects related to AI, digitalization and development including reporting and presentations

Impress us - your qualifications

Bachelor's or Master's degree in Mechanical/Industrial Engineering, Computer Science or similar, ideally with AI focus

Strong foundational understanding of manufacturing processes, lean principles, and automotive quality standards

Hands-on programming skills (Python or R) and experience with ML frameworks (TensorFlow, PyTorch, Scikit-learn)

Practical experience with AI use cases in manufacturing (e.g., vision systems, predictive maintenance, yield optimization)

Skills in data engineering: collecting, cleaning, and structuring large datasets from machines and sensors

Understanding of IIoT architecture and common communication protocols (OPC-UA, MQTT)

Strong analytical mindset with the ability to validate AI models and translate data into actionable insights

Ability to work in cross-functional and international teams, bridging manufacturing engineering and data science

High motivation to explore new technologies and contribute to continuous innovation (Industry 4.0, automation, robotics)

Professional fluency in English; German skills are a plus

Willingness to travel internationally as required

What we offer — your benefits

First aid station & Health Care Centre

Company pension scheme

Discounts at well-known gyms

Company canteen

Further training as well as in-house training

Flexible working time

Employee events (Christmas party etc.)

JobRad

Contact

We look forward to receiving your application! Please

send by e-mail to your contact:

Lukas Schmitt

+49 (6021) 65 - 1624

lukas.schmitt@joysonssafety.com

Your contact will also be available for any queries you may have.