

JUNGHEINRICH

Staff Safety & Robotics Software Engineer (f/m/d)

Gesellschaft
JH Robotics / Magazino

Geschäftsbereich
Automation & Warehouse Equipment

Standort
München

Beginn
05.08.2026

Sprachkenntnisse
Englisch

Vertragsart
Vollzeit

BEWERBEN

Mehr mit dir – Gestalte mit uns die Zukunft der Intralogistik! Seit 1953 entwickeln wir bei Jungheinrich smarte und nachhaltige Lösungen für den weltweiten Materialfluss - von intelligenten Fahrzeugen bis hin zu vollautomatisierten Systemen. Heute sind wir über 21.000 Kolleg*innen weltweit, vereint durch die Überzeugung, dass wir gemeinsam mehr bewegen können.

Deine Aufgaben

- You develop and implement safety-critical solutions for autonomous forklift robots operating in logistics and production environments
- You translate safety concepts and system requirements into robust software architectures, Safety PLC implementations, and industrial control systems

- You design, implement, and maintain software components across robot control, motion control, and low-level autonomy functions
- You define and execute verification and validation activities, including integration, fault-injection, and system-level testing
- You collaborate closely with functional safety experts, system architects, and software engineers to ensure safe and reliable system operation
- You act as a technical expert for safety-critical software and PLC development, driving engineering excellence and mentoring colleagues

Dein Profil

- You hold a Bachelor's or Master's degree in Electrical Engineering, Mechatronics, Computer Science, Robotics, Software Engineering, or a related field
- You bring 6+ years of professional experience in safety-critical software development, industrial automation, robotics, or Safety PLC solutions
- You have strong experience with industrial safety controllers or Safety PLCs; experience with Siemens S7 and TIA Portal or SICK Flexi Soft/Flexi Net is highly desirable
- You have proven experience implementing and validating safety functions according to standards such as ISO 13849, IEC 61508, or IEC 62061
- You have a solid understanding of safety concepts, safety architectures, and requirements-driven development
- You are familiar with verification, validation, requirements traceability, and V-model-based development processes
- You have experience integrating sensors, actuators, industrial communication systems, and field buses, ideally CANopen
- You ideally bring experience with SICK safety laser scanners, ROS-based robotics systems, C++ or Python development, ros_control/ros2_control, Docker, or motion-control frameworks
- You enjoy creating clear technical documentation and working with version control systems
- You communicate fluently in English and have German language skills at B1 level or higher
- You are willing to work primarily on-site and ideally live in or close to Munich

Deine Vorteile

Zuschuss zum Deutschland-Ticket

Flexible Arbeits-zeiten

Corporate Benefits

Betriebskantine

Sportchallenges

Deine Zusatz-Infos



Dein Einsatzbereich
München



Über Jungheinrich
Wir zählen zu den weltweit führenden Unternehmen der Intralogistik mit einem einzigartigen Produktportfolio: vom konventionellen Flurförderzeug bis hin zu vollautomatisierten Lösungen.



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