



Cybersecurity and Devops Infrastructure Expert (gn)

The company

To enable people to work safely in adverse environments and reduce emissions, indurad has been developing innovative sensor solutions for the world's leading raw material producers since 2008. We combine hardware, software and engineering solutions to enable the automation and digitalisation of processes and increase efficiency for our customers. For example, we can automate train and ship loaders, implement active collision protection and create 3D visualisations of machines and stored raw materials. Our specially developed radar sensors with customised software solutions can be used in harsh environmental conditions, making them perfect for the diverse and demanding requirements of the bulk materials and raw materials industry. We are a diverse team of talented, innovative people focused on making positive change at scale.

We are looking for

We are looking for an **Cybersecurity and Devops Infrastructure Expert (gn)** at our Aachen location. To deliver solutions to our customers we need to install larger sets of devices at customer sites and set up a network between them. Historically we were able to keep these networks separate from the customers own network, but as we offer more network-based communication interface like DDS, MQTT and modern web interfaces in customer networks, this separation can no longer be upheld.

We are looking for someone who will maintain an agenda on how to continuously improve our network security at the customer site, communicates our security measures and builds trust with our customers, and coordinates the rollout of improved security and better fleet management. Our customers have become much more security aware; we want to do our best to meet and exceed the rising security requirements of our customers w.r.t to our network infrastructure and our remote access. You will be working within our DevOps Team, in constant communication with our IT and Project Management departments to deploy and develop software solutions and processes fit for our Linux-based environment.

Your tasks

- Working as part of our DevOps Team to support and develop improvements for all solutions in the field
- Development of cyber security roadmap and architecture for modern CI/CD principles and modern remote access with the integration of our special hardware in the field
- Extracting improvements and action items from our customer IT Compliance processes, followed by developing and deploying these improvements
- Representing security considerations in the designing of IP networks and interfaces for indurad solutions via remote access from Aachen
- Maintenance and debugging network systems in the field at customer sites (remote)
- Presenting our IT and OT (operative technology) security measures and system to customers

Your profile

- Degree in computer science, training as an IT specialist or comparable knowledge
- Good knowledge of Python
- Excellent knowledge of system-related development involving networking and IT security.

- Good communication and presentation skills for IT knowledge
- Knowledge of shell scripting (POSIX, Bash) is recommended, knowledge of container systems like Docker is an advantage
- Knowledge of security system in networks like firewalls, proxy, and their proper application is an advantage
- Knowledge of Linux system administration and Debian GNU/Linux is an advantage
- Experience in leading small software projects to completion is an advantage

Your chance

- Early riser or night owl - thanks to home office, flexible working hours and a flexible working time model (full or part time), you can organise your working day yourself. This is how you can achieve a good work-life balance between your job and your private life
- We offer an ergonomic workplace with a feel-good factor, drinks, free parking and enough space for your own initiative. You can expect exciting tasks in an innovative environment with highly motivated colleagues who are already looking forward to your impulses
- Direct lines to management and superiors, open communication and a relaxed dress code are a given with us. We are on a first name basis. Flat hierarchies encourage cooperation and creativity. That's why we welcome people who bring in different perspectives, think outside the box and question and change existing processes
- In addition to a mentor during onboarding, you can look forward to our internal Lightning Talks, where colleagues share their experiences. Choose the most suitable training courses for your career yourself
- We offer an optional company pension scheme, a business bike and a childcare allowance as part of the salary package

Your work environment

Improve huge machine operations with industrial grade software

We work hard to reduce our development cycle time, the time between development and shipment to our world-wide customers is typically in the range of days supported by our central built server infrastructure with automated software tests. Our goal is to trigger early feedback cycles with our experienced counterparts and support them in digitalizing and/or automating large machinery for material handling.

Fast development of prototypes, followed by modular implementation

Our software development team works with agile software techniques and tools, closely collaborating with the application areas (project management, product management and sales) to get fast decisions and feedback.

Work with state-of-the-art software infrastructure

We trust in modern tools like gitlab and development workflows with reviews and tests to allow our developers to be very efficient in problem-solving and development. We have built an infrastructure based on modern C++17 standards to easily adapt and create new solutions based on software-in-the-loop tests combined with real hardware test setups.

Your application - Make the difference with us!

Our recruiting team is looking forward to receive your complete application documents (CV as well as school-leaving certificate, university and work references, cover letter optional - max. 5 MB), stating your salary expectations and earliest possible starting date, by email to personal@indurad.com.

Equal opportunities for all: We welcome applications from people who are as diverse as we and our tasks - regardless of gender, age, disability, religion, sexual orientation, ethnic origin and nationality or social background.

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