

AI Developer (Microcontroller/TF Lite) (m/f/d)

Full-time, Location: Remote / Osnabrück – Start: June 2025



THE OPPORTUNITY

Revolutionize the AI world with us – and bring it to every piece of hardware. ONE WARE is the world's first company to provide fully automated, custom-built AI in seconds instead of months – for any application, on any hardware, in any industry. Our technology generates tailored neural networks that are not only faster, more precise, and more energy-efficient than anything before – they run on high-end GPUs, on FPGAs, and even on microcontrollers with just a few kilobytes of memory.

As an AI Developer for Microcontrollers & TensorFlow Lite, you'll bring this new generation of AI to ultra-resource-efficient systems. You'll help make our technology usable on embedded devices – for medical products, mobile sensors, wearables, machine components, and entirely new applications.

If you're passionate about compact, efficient C++ development and want to be part of a major AI transformation, then you're in the right place.

YOUR TASKS

- **AI on microcontrollers:** You'll bring neural networks to embedded devices – using TensorFlow Lite and TensorFlow Lite Micro.
- **Optimization in C++:** You'll develop efficient, low-level logic for image and sensor data processing – under strict memory and performance constraints.
- **Deployment preparation:** You'll support the export process from training data to fully functioning AI on ARM MCUs, RISC-V, or similar architectures.
- **Model compression and quantization:** You'll help optimize models so they can reliably run on very constrained hardware.
- **Team collaboration:** You'll work with our AI and hardware teams, contribute your embedded C++ expertise, and develop scalable edge AI solutions.

YOUR PROFILE

- **AI know-how:** Experience with TensorFlow, ideally also with TensorFlow Lite or TensorFlow Lite Micro.
- **Embedded and C++ experience:** Solid C++ skills for microcontrollers and hands-on experience with real-time processing, memory optimization, or compiler tuning.
- **Image & sensor processing:** Previous work with embedded image processing, time-series data, or sensor fusion.
- **Systems thinking:** You write clean, efficient code with attention to resources and architecture.
- **Curiosity and ownership:** You take initiative and want to turn your ideas into real products.
- **Communication skills:** You're a strong team communicator in either German or English – both written and spoken.

OUR OFFER

- **Company culture:** Open, creative, and agile startup environment where your work makes a significant impact.
- **Recognition for achievement:** A culture of appreciation that promotes outstanding performance.
- **Direct collaboration with our founders:** Work closely with our CEO & AI founder – with quick decisions and a strong learning culture.
- **Growth opportunities:** As the company grows, you'll have the chance to take responsibility for key areas and grow into a leadership role.
- **Flexibility:** Flexible working hours (remote/hybrid) & trust-based working time.
- **Benefits:** Competitive salary, attractive additional perks, and 30 days of vacation.

ABOUT ONE WARE

ONE WARE puts an end to complicated, expensive, hardware-heavy AI. With ONE AI, we deliver the world's first instantly deployable, custom AI – scalable, resource-efficient, and high-performance. Our neural networks run everywhere: on high-end servers, energy-efficient edge devices, and FPGAs with <1W power consumption. This makes AI possible for applications that were once considered too complex or uneconomical – with up to 11,600% more speed and 1,000x less resource usage compared to traditional approaches. Our vision is clear: AI for every application and

every device. Whether in industry, medical technology, or aerospace – our platform lays the foundation for a new generation of AI applications.

Apply now!

Does this sound like an exciting challenge for you? Then send us your application with your resume, GitHub, and salary expectations to **career@one-ware.com**. We look forward to hearing from you!

ONE WARE GmbH

info@one-ware.com | www.one-ware.com