

AI Developer (FPGA) (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-tailored AI in seconds instead of months – for any application, on any hardware, in any industry. Our technology generates individual neural networks that are faster, more accurate, and more energy-efficient than anything seen before – and they run not only on high-end GPUs but even on decades-old FPGAs.

As an AI-FPGA Developer, you'll bring this new generation of AI to the most efficient hardware: FPGAs. Together, we develop solutions that will not only transform industrial manufacturing, but also impact medicine, aerospace, mobility, and more. Our technology is already used by Intel, Altera, and international clients – and you'll help shape it. If you believe in the power of efficient systems, love embedded AI, and don't just want to be part of a change, but its driving force, then you're exactly who we're looking for.

YOUR TASKS

- **AI on FPGA:** You develop and optimize neural networks for image processing and sensor data – with a focus on implementation on FPGAs
- **Automating architectures:** You use and enhance our AI generator, which creates architectures in seconds – perfectly tailored to each hardware platform.
- **Real-time image processing:** You implement image processing algorithms directly in VHDL/Verilog, ensuring maximum efficiency in live operation.
- **Scaling processes:** You help further develop our automated training and export processes – enabling true "AI at scale."
- **Team collaboration:** You work closely with our AI, embedded, and software teams and accompany projects from idea to rollout.

YOUR PROFILE

- **AI knowledge:** Experience in machine learning using frameworks like TensorFlow – ideally combined with hardware-level optimization.
- **FPGA expertise:** Solid knowledge of VHDL/Verilog and hands-on experience **with** image processing on FPGAs.
- **Systems thinking:** You understand how to intelligently connect software and hardware logic.
- **Curiosity and responsibility:** You're eager to learn, actively contribute, and love working independently.
- **Communication skills:** You can collaborate effectively in 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

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