



We
want
you!

ENERGYMINER

Edge Systems Engineer (IoT / Infrastructure) (m/f/d)

Location: [Gröbenzell](#) | **Start:** effective immediately or later

We are revolutionizing hydropower through providing an important form of base-load, regenerative energy generation – as this is the only way the renewable energy goals can be reached!

We are the first to succeed in generating clean electricity locally without ecological disadvantages. Our solution is the Energyfish – a scalable micro hydro power device that can simply be suspended in a river system and generates electricity from the kinetic energy in flowing water.

By combining hardware, software, and data, we are building a new generation of decentralized energy systems.

What you'll do:

- Play a key role in developing the software stack running on our Energyfish edge devices (Raspberry Pi-based systems)
- Build and maintain services that connect CAN-based rotor controllers, local network components (e.g. inverters), and cloud systems (AWS IoT, S3)
- Debug and improve system reliability across the full stack: Linux system → networking → containers → application logic
- Design and optimize communication between services (e.g. database queues, MQTT)
- Support deployment and operation of devices in real-world environments
- Improve observability, logging, and system robustness for unattended operation



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What we're looking for:

- Degree in Computer Science, Software Engineering, or a related field – or equivalent experience
- Strong experience with Linux systems and debugging
- Experience with backend development (Python or similar)
- Solid understanding of networking and distributed systems
- Experience with Docker / containerized environments
- Structured, hands-on, and solution-oriented mindset

Nice to have: experience with IoT or embedded systems · familiarity with industrial communication (e.g. CAN bus) · experience with AWS IoT / MQTT · interest in working close to hardware and real-world systems

What we offer:

- The opportunity to work on live, connected power systems – not just dashboards
- A role where your work directly supports the renewable energy transition
- Flat hierarchies, open communication, and full-stack ownership
- Hybrid work possible from our office near Munich (Gröbenzell)
- 30 vacation days and flexible working hours

Sounds good?

**Then send your application to
career@energyminer.eu**