



ENERGYMINER

Backend / Data Platform Engineer (AWS & Analytics) (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:

- Design and build backend systems for processing and analyzing device data
- Develop data pipelines that transform raw inputs (e.g. CSV, time-series data) into KPIs and aggregated metrics, anomaly detection and trend analysis, and structured outputs (JSON, reports, visualizations)
- Work with AWS services such as Lambda, S3, and related tools
- Make architectural decisions around data modeling and storage formats, pipeline design (batch vs. streaming), and performance and cost optimization
- Ensure systems are reliable, idempotent, and easy to evolve
- Contribute to product-level decisions around analytics and reporting



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What we're looking for:

- Degree in Computer Science, Software Engineering, or a related field (or equivalent experience)
- Strong backend development skills (Python or similar)
- Experience building systems on AWS (e.g. Lambda, S3)
- Experience with data processing or pipeline development
- Ability to design systems and make architectural decisions
- Structured and pragmatic approach to problem solving

Nice to have: experience with time-series data or analytics systems · familiarity with Parquet or columnar storage formats · experience with orchestration tools · interest in data-driven products and real-world datasets

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