DataThings
The efficient AI twin maker

Job Opening · 2026
Luxembourg hybrid · Remote in FR & DE · Full-time

WE'RE HIRING

Core Developer
GreyCat

Join DataThings — a Luxembourgish deep-tech company turning **complex live data** into **actionable decisions** through AI-powered digital twins. You'll work on **GreyCat** itself — the temporal, graph and vector database at the heart of our products — chasing down **performance bottlenecks** across the OS, network, and disk, and shipping a runtime that **scales from data centers to commodity hardware**.

LOCATION	TYPE	TEAM	START
Hybrid LU · Remote FR/DE	**Full-time / CDI**	**Core · Platform**	**As soon as possible**

What you'll do

- **Develop and maintain GreyCat's core** — runtime, storage engine, and language internals — written in C and tightly tuned for performance.
- **Hunt down performance issues** wherever they live: **operating system, network, disk I/O**, memory, or compilation pipeline.
- Work across the **compilation chain** — parsers, code generators, and toolchain — to keep GreyCat fast and predictable.
- Support and improve our **CI/CD pipelines** and integration activities.
- Collaborate with the application team to ensure the core stays **solid, observable, and easy to build on**.
- Profile, benchmark, document — and ship.

What we offer

- **Flexibility** — hybrid & trust-based
- **Startup spirit** & real ownership
- A team of researchers & builders
- Contribution to a **unique software technology** powering cutting-edge decision-making tools
- Award-winning tech (**AI for Industry Excellence Award, 2025**)
- Continuous learning

Your profile

- Fluent in **C** — comfortable reading, writing, and debugging real systems code, including memory, concurrency, and low-level performance.
- Solid understanding of **compilation chains** — compilers, linkers, build systems, and how source becomes a fast binary.
- **Active problem solver**, driven by the challenge to **understand and resolve performance issues** coming from the OS, network, or disk.
- Hands-on with **CI/CD** pipelines and integration activities — you ship reliably, not just locally.
- 3+ years building **systems-level software**, runtimes, databases, or performance-critical applications.
- Curious, structured, autonomous — you go deep when it matters.
- Fluent **English** is mandatory; **French** is strongly appreciated.

About DataThings

Founded in **2017** as a spin-off of the University of Luxembourg / SnT, DataThings builds **tailor-made digital twins** on its **GreyCat** technology — a temporal, graph and vector database that runs anywhere, from data centers to commodity hardware. We deliver across **energy, industry, and public sector**, **100% made in Europe**.

Apply: jobs@datathings.com
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