

Vacancy: Product Software Engineer (Backend + Frontend + AI Assistant)

METRICSAT is an early-stage Luxembourg-based company developing an environmental data and analytics platform to help financial institutions assess and report on their investment portfolios' environmental risks and impacts.

We're now growing our technical team to accelerate product development and are looking for a highly skilled **Product Software Engineer (Backend + Frontend + AI Assistant)** to join us on-site in Luxembourg.

Key Responsibilities

- Own product feature delivery end-to-end: backend APIs → UI → integrations
- implement features that expose AI/ML outputs to customers (dashboards, reports, widgets)
- integrate AI assistant capabilities in product (LLM-based flows, RAG mini features, search assistants)
- ensure secure, stable and scalable microservices (auth, storage, rate limits)
- ship production code with unit/integration tests and CI/CD pipelines
- collaborate with lead developer on architecture, reviews and design patterns
- Enable AI usecases from ideation to productionization

Candidate Profile

- strong backend engineering (FastAPI / Python / SQLAlchemy / Postgres)
- frontend experience (React / Next.js) for user-facing feature implementation
- cloud fundamentals (Docker, K8s basics, S3, deployment pipelines)
- exposure to LLM integration (vector stores, embedding retrieval, prompt orchestration)
- strong software engineering discipline (tests, code quality, version control, docs)

What We Offer

- Take ownership and help shape a one-of-a-kind product,
- Work with the latest technologies,
- Contribute to the deployment of first-of-its-kind solutions.
- Full-time employment contract

Please submit your resume, links to relevant work (GitHub, portfolio, research papers, etc.) to contact@metricsat.com