ematiq career

WE ARE LOOKING FOR

# Senior Software Engineer - Data Integrations

At Ematiq, we build real-time systems that power data-driven decision-making across our trading platforms. Our platform is growing fast, and we are looking for a Senior Python Engineer who can make our data services more robust, take in far more data, and deliver it reliably to the teams who need it.

We are looking for experienced engineers passionate about building performant, strongly typed Python applications, with solid knowledge of asynchronous programming, ideally via asyncio. We use a custom actor-based framework combining asyncio and multiprocessing to handle a high volume of real-time events with maximum responsiveness and performance.

We value engineers who can balance quality and speed—rapidly prototyping business ideas when needed, while also writing high-quality, production-level code for core systems. While this role requires strong technical expertise, it is equally about deeply understanding the needs of the trading department. You will work closely with traders to gather insights, identify challenges, and translate their requirements into effective technical solutions that drive business success.

**What will be your daily responsibilities?**

- Design, develop, and support new Python-based asynchronous real-time services, with a strong focus on performance, reliability, and scalability.
- Work closely with internal users (traders, data scientists, engineers) to understand requirements and translate them into great technical solutions.
- Integrate external data sources (REST/WebSocket APIs etc.) into our internal data ecosystem.
- Design how data flows to our quant and application teams, so our services never get stuck.
- Improve observability, testing, and CI/CD.
- Take part in on-call and L1/L2 support for the systems you build.
- Operate with a mindset for collaboration and ownership—you are proactive, curious, and business-aware.

**What you bring**

- 5+ years of professional experience with strongly typed Python (mypy)
- Hands-on experience with Kafka or another message broker
- A track record of system design and performance optimization in data-heavy environments
- Fluent Czech

**Our core stack**

- Python 3.12
- asyncio
- Kafka
- mypy
- FastAPI
- Aiothttp

Send your CV to **jobs@ematiq.com**