

## Senior Java developer with low-latency/HFT experience

### About Teza

Teza Capital is a quantitative asset management firm that strives to develop innovative, high-Sharpe investment products for its clients. Originally founded in 2009 as a science and technology-driven global quantitative trading business, Teza derives its unique edge in asset management from its high-frequency trading past and science-based investment approaches.

This year Teza expands its business within crypto space.

### About the Team you'll be working with

Under the leadership of CEO Misha Malyshev, Teza's innovative approaches to quantitative research and platform engineering distinguish us from other quant trading firms. We have successfully attracted and assembled a group of top talent, including widely recognized experts in quantitative trading. Teza has 75 professionals worldwide with offices in Austin, Chicago, New York, and Shanghai.

### About the Role

We have an exciting career opportunity for a Senior Java Developer to join our fast growing R&D crypto-targeted department in Yerevan, Armenia. You will develop and improve low-latency trading software and become part of a fast-growing, flexible team responsible for the development of the fund's cryptocurrency operations and digital assets management. This role offers significant opportunities for growth and advancement as the firm continues to evolve.

If you have extensive experience in Java development, especially in low latency trading applications, you like to solve complex tasks and get a thrill when you dive into the low-level implementation, you are highly motivated and able to concentrate on objectives, you are a team player and like to interact with people, then you are an ideal candidate.

### Location

The role will be based in our new Yerevan location with flexible WFH arrangement.

### Key Responsibilities

- Development of low-latency trading robots for major crypto exchanges.
- Debugging and profiling both your own code and those created by your colleagues. Finding ways to improve the performance of existing code.
- Writing unit and integration tests, code coverage, build scripts, deployment scripts.
- Git repository maintenance: branch management, pull-requests, code reviews, events, release management.
- Integration with third party modules.
- Benchmarking third-party libraries. Research for choosing the best options. Refinement of existing libraries.

**Skills/Experience/Qualifications**

- Degree in Computer science or in related areas
- 5+ years in Java with a proven track record, preferably with 2+ years in low-latency/HFT/realtime.
- Excellent experience in algorithms and data structures. In-depth knowledge of Java Standard Library implementation. Proven experience in writing ultra-fast production code.
- Deep understanding of JVM internals and tuning to achieve high performance. Extensive experience in profiling and debugging.
- Multithreading, asynchronous, Java networking, Websockets, HTTP/2, JSON, serialization.
- Gradle and Maven. Groovy is a must. Good understanding of CI/CD pipelines, TeamCity is preferable.
- JUnit and Mockito. Experience in writing integration tests.
- Practical skills of supervising/maintaining Git repos and have knowledge of common Git workflows.
- Good experience with Linux and TCP/IP.
- Experience with Hadoop and Airflow is a plus.

We assume that your spoken English is good enough to communicate within our distributed team.