



Coin Metrics, Inc.
One Broadway 16th Floor
Cambridge, MA, 02142
hr@coinmetrics.io
coinmetrics.io

Mid / Senior Software Engineer

About Coin Metrics

Coin Metrics is a leading provider of crypto asset data for institutions. We deliver transparent and actionable data and analytics to various industry stakeholders including asset managers, custodians, traders and trading venues, research desks, and data/application providers. Coin Metrics' data empowers its clients and the public to better understand, value, use, and steward open crypto networks.

Job Description

Coin Metrics is recruiting a Mid / Senior Software Engineer to work on our data collection, processing and delivery systems. Join a fast-paced startup pioneering novel metrics, data products, and insights surrounding the economics, markets, usage, health, and other aspects of public cryptocurrency blockchains like Bitcoin and Ethereum and other crypto networks. You will be surrounded by talented people passionate about decentralized economies and the data behind them. Break new ground, create exciting new data-driven research and products, and help shape future economies.

Location: Greater Boston, MA or New York City, NY area (remote also considered)

Responsibilities

Develop, maintain, and improve network (i.e., blockchain) and market data collection, processing and delivery systems, such as:

- Blockchain node data exporters
- Blockchain network metrics computation
- Market data collectors
- Derivative market data computation



- HTTP and streaming (websocket) API backends

Basic Qualifications

- 5+ years of software development experience
- Solid knowledge of and experience with at least one of major statically typed JVM languages: Java, Scala, or Kotlin
- Knowledge of or willingness to learn Kotlin
- Solid understanding of multithreading and concurrent programming techniques
- Experience building non-monolithic, distributed applications
- Experience with large relational databases (preferably PostgreSQL)
- Experience with HTTP and WebSocket APIs
- Experience with Linux
- Strong sense of ownership, entrepreneurial spirit, and/or startup-like experience, capable of driving towards solutions independently while seeking feedback when appropriate
- **Required:** strong attention to detail with capability to write tests and documentation

Note that the following preferred qualifications are not required or expected; however, the more experience in these the better.

Preferred Qualifications

- Knowledge of Python 3
- Experience with frameworks based on the actor model, for example, akka
- Experience with “AP” databases: Apache Cassandra, Amazon DynamoDB
- Experience with Apache Kafka
- Experience with distributed consensus systems (Apache ZooKeeper, etcd)
- Strong curiosity and passion for decentralized economies
- Bonus: Knowledge of Haskell
- Bonus: Experience with financial market data, market data feeds (e.g., FIX protocol) and related products and back-end systems
- Bonus: Knowledge of blockchain and related networks and their data structures

Please send resume (cover letter optional) to hr@coinmetrics.io