

Infrastructure Engineer

About Coin Metrics

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

Job Description

Coin Metrics is recruiting a Infrastructure Engineer to among other things, help improve and maintain blockchain node hosting infrastructure. In addition, this role will be involved in research, evaluation and deployment of platform technology aimed at enhancing company's data storage, collection and processing capabilities.

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 numerous 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: Europe or a US Location. (Both remote work)

Responsibilities

- Assist in infrastructure engineering areas, including applications deployment & monitoring, server automation & monitoring, and database automation & monitoring and other platform technologies.
- Maintain and improve performance and security of existing infrastructure
- Design, test, and deploy new blockchain (cryptocurrency) nodes and improve and enhance existing infrastructure
- Compile and manage infrastructure and security documentation including systems inventory, alert libraries, and process run books
- Troubleshoot and assist in diagnosing, solving or escalating infrastructure problems
- Research and evaluate databases, queues, container orchestration systems and other fundamental technologies, and participate in devising a strategy of platform development

- Strong sense of ownership, entrepreneurial spirit, capable of driving towards solutions independently while seeking feedback when appropriate

Basic Qualifications

- **4+ years of Linux systems administration experience**
- **2+ years of experience with PostgreSQL; understanding of replication, failover, backups**
- 2+ years of Docker experience including Docker Swarm
- Solid command of Ansible, Salt or like technologies
- Solid command of scripting languages (Python, Bash, etc.)
- Capability to write concise technical documentation
- Understanding of reverse proxying and load balancing (NGINX, HAProxy, etc.) Experience with Git

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

Preferred Qualifications

- **Cryptocurrency node administration experience**
- Experience managing large PostgreSQL clusters and highly available PostgreSQL setups
- Experience operating cryptocurrency nodes beyond Bitcoin and Ethereum.
- Experience advanced filesystems specifically ZFS
- Experience with CI pipelines (Gitlab CI, Jenkins, etc.)
- Experience with monitoring software (Prometheus, Grafana)
- Familiarity with overlay networking with WireGuard
- Familiarity with AWS or GCP.