

Job Title: Analytics Platform Engineer

Contact: careers@onechronos.com

Overview and Job Description: We are seeking an Analytics Platform Engineer to join our team and contribute to the development of our analytics platform.

Our systems are built for the massive speed and scale of algorithmic trading. We work in terms of terabytes and billions of rows daily, and every layer of our technology needs to be performance-tuned to handle some of the worlds largest and highest velocity datasets. As a small company, we are rapidly and continually improving our analytics platform to keep up with our large and growing datasets, and solve complex problems efficiently and fast.

We are looking for an engineer with a knack for taking initiative and proposing creative engineering solutions that will take our data platform to the next level. That includes data engineering, but also software development in the form of process automation and customer-facing analytics products. The ideal candidate will be familiar with handling multiple real-time and historical data streams, and have a strong understanding of data engineering principles. You will be responsible for building and maintaining the infrastructure necessary to support our analytics initiatives, including data pipelines, ETL processes, scalable data platform solutions, as well as working with the business side to bring forth the most value from our data. This role offers an exciting opportunity to work with cutting-edge technologies and make a significant impact on our data-driven decision-making processes.

Responsibilities:

1. Work with both business teams and engineers to understand and make sense of our data, derive value by uncovering hidden relationships, and research the most advanced engineering techniques to store, process, and productionize it.
2. Develop and maintain robust data pipelines to ingest, process, and transform data from various sources, ensuring data quality and integrity throughout the process.
3. Implement ETL processes to extract, transform, and load data into data warehouses and analytical databases for reporting and analysis purposes.
4. Optimize data storage, retrieval, and orchestration processes to improve performance and efficiency, utilizing cloud-based technologies such as AWS, Google Cloud Platform, or Azure.
5. Automate repetitive workflows to improve productivity across both data and business processes.
6. Create in-house tooling to make data access, quality, and monitoring easy and efficient.
7. Work closely with data scientists and analysts to support their data needs and provide technical expertise in data modeling, schema design, and query optimization.
8. Monitor and troubleshoot data pipelines to identify and resolve issues in a timely manner, ensuring maximum uptime and reliability of the analytics platform.
9. Stay up-to-date with emerging technologies and best practices in data engineering, continuously seeking opportunities to enhance our data infrastructure and processes.

10. Document technical specifications, data flows, and system architectures to facilitate knowledge sharing and collaboration among team members.

Qualifications:

1. Bachelor's degree in Computer Science, Engineering, or a related field; or equivalent work experience.
2. Solid understanding of data engineering concepts, including data modeling, ETL, and data warehousing.
3. Proficiency in programming languages commonly used in data engineering, such as Python, SQL, and Rust.
4. Familiarity with cloud computing platforms (e.g., AWS, GCP, Azure) and their data services (e.g., S3, Redshift, BigQuery).
5. Strong problem-solving skills and attention to detail, with the ability to analyze complex data issues and implement effective solutions.
6. Excellent communication and collaboration skills, with the ability to work effectively in a team environment.
7. Eagerness to learn and adapt to new technologies and methodologies in a fast-paced, dynamic environment.

Preferred Qualifications:

1. Familiarity with data visualization tools such as Tableau or Metabase
2. Understanding of various data formats (e.g. Parquet, Arrow)
3. Experience with stream processing and big data analytics
4. 1+ years of experience in an engineering or data-focused role at a software company or data provider, or similar
5. Entrepreneurial spirit and ability to take a project from start to finish

Benefits:

- Competitive compensation (cash and equity)
- Hybrid and remote work flexibility
- Medical, dental, vision, and life insurance
- 401(k) plan
- Subsidized health & wellness program
- Pre-tax commuter benefits
- Competitive vacation policy

Compensation: The total compensation for this role includes a base salary, with a target range of \$150,000 to \$190,000, and the opportunity to earn a discretionary bonus. Actual compensation may vary based on experience and qualifications.

About OneChronos (www.onechronos.com)

OneChronos is a technology company at the intersection of Capital Markets, Machine Learning and Auction Theory, providing electronic trading and matching services to those in the trading ecosystem. The company's goal is to expand the pie of trades that can occur, by empowering users with venue-level tools to better manage and express their trading or risk management objectives. OneChronos is a Y Combinator alum and venture backed start-up company with offices in New York City's Soho neighborhood.

OneChronos is committed to equal employment opportunities to all employees and applications regardless of academic area of study, race, color, religion, creed, age, national origin or ancestry, ethnicity, sex, sexual orientation, gender identity or expression, disability, military or veteran status, or any other category protected by federal, state or local law. As an equal opportunity employer, we recognize that diversity is a huge positive attribute and we welcome the differences and benefits that a diverse culture brings.