Data Engineer Intern - Sonam AI

About us

Sonam AI is the next-generation capital markets research firm. We aim to provide institutional and retail investors with the liquidity they need to trade a broad array of financial assets via quantitative research. With knowledge from finance, statistics and technology, we create powerful and advanced analytics to bring value to the financial markets.

Website: https://www.sonam-ai.org/

Linkedin: https://www.linkedin.com/company/sonam-ai

About the job

We are looking for a Data Engineer Intern to join our growing team and assist in building scalable, efficient, and reliable data pipelines and infrastructure. This role will focus on implementing robust data systems for quantitative research and trading models.

Responsibilities:

- Design, create, and maintain relational databases (e.g., PostgreSQL) to manage large-scale financial data efficiently.
- Build, deploy, and maintain scalable APIs using frameworks such as Django REST Framework (DRF) or FastAPI to ensure seamless data access for internal tools and systems.
- Optimize database schemas and queries for performance and scalability.
- Implement ETL pipelines to extract, transform, and load data into databases from various APIs and other data sources.
- Manage and configure AWS services (e.g., RDS, S3, EC2) to support database and API infrastructure.
- Ensure API reliability, security, and documentation for internal and external use.

Skills and Experience:

- Currently pursuing a Bachelor's or Master's degree in Computer Science, Data Engineering, or a related field.
- Proficiency in Python is essential.
- Experience in building and deploying APIs using frameworks such as Django REST Framework (DRF) or FastAPI.
- Familiarity with cloud infrastructure, especially AWS services like RDS, EC2, and S3.
- Knowledge of RESTful API design principles, including security, authentication, and performance optimization.
- Familiarity with version control systems (e.g., Git).
- Excellent problem-solving skills and attention to detail.

How to Apply:

If you're passionate about building robust database systems and APIs for real-world applications, we'd love to hear from you! Please send your CV to **sonamai@proton.me**.