VELA
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DATA ENGINEER

Location: New York

Overview

Vela is a global financial technology provider of high performance trading, market data, and analytics technology solutions. Vela offers an end-to-end multi-asset Direct Market Access (DMA) platform connected to over 60 global exchanges; high-performance and low-latency market data and market access; industry leading pre-trade risk controls; post-trade processing; trading analytics; plus, a front-end for price discovery, execution, and risk management. Vela clients benefit from award-winning managed services, customer support, and world-class professional services from an experienced team comprised of seasoned financial services industry experts and cutting-edge technologists.

Vela has offices in Europe, US and Asia supporting traders, market makers, financial institutions and other market participants worldwide.

Job Profile

We are looking for a Data Engineer with strong python skills to join the Engineering team in our New York office. This role will work with Product, Support and Sales Engineering to assist with data-related technical issues.

Key Accountabilities

- Building data models, database schemas and ORM models to represent data from a number of data sources and defining relationships between the data.
- Working with the team to build data processing pipelines for our products. Ensuring data flow and consistency.
- Supporting production database systems, including implementation of maintenance procedures.
- Writing effective unit tests against production/developing code
- Working with Product, Support, Sales Engineering to assist with data-related technical issues

Knowledge, Skills & Experience Required

Essential

- Advanced knowledge of relational database systems including Microsoft SQL Server as well as working familiarity with a variety of databases.
- Experience in creating and maintaining business critical databases

- Strong analytic skills
- Experience in using, or developing reports in a business intelligence tool – ideally Looker
- Experience in database design, building schemas and data models
- Experience writing and maintaining complex stored procedures
- System management experience with monitoring, disaster recovery, backup, automated testing and continuous deployment
- Strong python skills, with experience performing data processing, ideally using some form of data modelling or ORM. Exposure to SQLAlchemy and Pandas desirable.

Desirable:

- Experience with data pipeline and workflow management tools: Airflow, Luigi, Azkaban etc.
- Experience with AWS cloud services: EC2, RDS, Redshift

Further Information

For more details on our organization, please visit our website:**velatradingtech.com**

Vela is an Equal Opportunity Employer. All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, national origin, or protected veteran status and will not be discriminated against on the basis of disability.