

**Opportunity:** Developer  
**Group:** Commodities IT  
**Location:** Chicago, Greenwich, London

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Established in 1990, Citadel Asset Management is a world leader in developing and implementing investment strategies that deliver alpha to its investors. Citadel Asset Management actively invests in a broad range of asset classes including equities, credit, fixed-income and commodities. Citadel Asset Management deploys capital for a diversified client base that includes endowments, pensions, high net-worth individuals and sovereign wealth funds. For more information, please visit [www.citadel.com](http://www.citadel.com).

Commodities encompasses Citadel's activities in the North American natural gas market and European gas and power markets, as well as its activities in the crude oil, refined products and agricultural commodities markets. The Commodities team combines fundamental market expertise with quantitative analytics to identify directional and relative value investment opportunities.

### **The Role:**

Developer for Commodities

### **Duties and Responsibilities:**

- Work directly with technical team members to industrialize and scale the firm's commodities trading platform
- Help build systems to enable analysts to efficiently collect and analyze large volumes market and fundamental data to make superior trading decisions – help the firm turn data into actionable knowledge.
- Build industry-leading near real-time applications to enable traders to visualize the market and capture trading opportunities aggressively
- Responsible for all phases of the technology life cycle
- Provide day to day support to the business, including investigating and triaging issues that arise.
- Coordinating and communicating specific subject matter knowledge to the design and integration phase of each project
- Advising on and implementing the appropriate architecture, data model, and system design and interfacing requirements for each project

### **Required Skills**

- 2-4 years of experience on a technology team within a financial institution
- Strong computer science fundamentals (data structures, algorithms, distributed development, system design)
- Fluent in a language that is easily transferable to Python (java, c#, etc).
- Past experience working within a globally distributed team would be beneficial
- Proactive individual with experience working within a fast paced environment
- Strong written and verbal communication skills on both technical and non-technical topics

### *Desired Skills:*

- Knowledge of commodities products or experience in big data is a plus
- Experience working with RDBMS (Sybase, SQL Server, Oracle) both in a schema design and application development capacity
- Exposure to OTC/Derivatives trade life cycle and position management a plus
- Other: UI skills

### *Personal/Communication Skills:*

- Outstanding analysis / problem solving skills
- Excellent communication and teamwork skills
- Intellectual curiosity. A strong desire and aptitude to learn and share ideas and knowledge with colleagues.
- Open and flexible to change (programming language, evolving specs, different business areas, etc.)
- Self starter who is comfortable interfacing with a diverse set of people (Traders, Quants, Trading Assistants, etc)
- Ability to manage multiple tasks in a demanding and changing environment

### **Background / Experience:**

- Technical education should include an undergraduate and/or advanced computer science, electrical engineering or other relevant applied science
- Proven track record in software design and development