



Nodal Exchange is a derivatives exchange providing price, credit and liquidity risk management to participants in the North American commodities markets. All transactions on Nodal Exchange are cleared through its recently launched clearing house, Nodal Clear, using a portfolio margining approach that provides participants significant risk management and capital efficiency advantages.

Nodal Exchange and Nodal Clear run on a proprietary platform consisting of trading tools, operational workflow, financial calculations, network optimizations, third-party interfaces, bank payment systems, and more. The complexity of our business allows unparalleled opportunities for team members to contribute to a rich technology environment while expanding a broad range of professional and technical skills. The firm recruits only top talent to create a culture in which the best idea wins the day unimpeded by egos or hierarchies.

We seek new team members in the following role in Tyson’s Corner, VA (DC Metro area):

Software Engineer

Nodal seeks software engineers eager to apply what they already know while significantly expanding their capabilities in enterprise software design and construction. Team members will participate in the entire software development lifecycle: requirements discussion/review, design, coding, demonstrations, code review, unit testing, deployment preparation, troubleshooting, and ongoing refactoring. The Nodal team is organized such that developers exercise considerable control around design and implementation of their own modules yet also work closely with colleagues on API design to realize a true services oriented platform. Along the way, team members will learn broad financial concepts and details of market microstructure with exposure to multiple teams across the company. Nodal views getting the right engineers as a critical part of its continued success.

Nodal’s platform uses a microservice architecture with modules written primarily in Java/J2EE (Wildfly application server) with Hazelcast distributed caching. Persistence is handled using PostgreSQL. Service APIs are generally implemented as stateless, asynchronous messages via the RabbitMQ platform. Front end applications are built with the ExtJS toolkit. Nodal seeks team members who can quickly be productive in the current environment while also advancing the firm’s capabilities over time.

If you are eager to begin our application process, please send an email of interest with a resume to our recruiting coordinator Hannah Duffy at recruiting@nodalexchange.com.

REQUIRED	PREFERRED
<ul style="list-style-type: none"> • Bachelor’s degree or higher in Computer Science or a related discipline • Solid understanding of OO concepts • Strong fundamental Java skills • Keen interest in problem solving • Ability to communicate effectively with technical and non-technical colleagues • Self-confidence that coexists with openness to others’ ideas 	<ul style="list-style-type: none"> • 2+ years of professional software engineering • Knowledge of J2EE environments and application servers • Knowledge of front-end design and development concepts • Understanding of financial trading and clearing concepts