



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):

### **Staff/Senior Software Engineer**

Nodal seeks Staff and Senior Software Engineers who can propel the firm's engineering forward by producing thoughtfully designed and carefully crafted modules, teaching and mentoring junior team members, and contributing to the evolving architecture of the Nodal platform. Nodal seeks those with deep expertise in both the science and art of software engineering. Team members will also learn broad financial concepts as well as details of market microstructure while working with multiple business units. Nodal Exchange views getting the right engineers in these roles 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 will 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](mailto:recruiting@nodalexchange.com).

REQUIRED	PREFERRED
<ul style="list-style-type: none"><li>• Bachelor's degree or higher in Computer Science or a closely related discipline</li><li>• 5+ years of proven enterprise software design and programming experience</li><li>• Deep knowledge of core Java</li><li>• Demonstrated expertise in all aspects of enterprise software engineering (e.g., design patterns, security, performance, refactoring, testing, deployment, troubleshooting)</li><li>• Ability to efficiently assess code and provide meaningful feedback</li><li>• Strong drive for continuous improvement in coding standards and team processes</li></ul>	<ul style="list-style-type: none"><li>• In-depth experience with technologies used at Nodal (e.g., Wildfly, RabbitMQ, PostgreSQL, ExtJS)</li><li>• In-depth experience working in a microservices environment</li><li>• Relevant industry knowledge (e.g., financial markets, investing and trading)</li><li>• Expertise with test automation best practices and tools</li><li>• Proven experience contributing to project management processes and approaches</li><li>• Formal experiencing teaching, coaching, or mentoring</li></ul>