

Career Opportunities

SENIOR LEAD RISK, PRICING ENGINEER

Location: London

Amphora UK Limited is the premier software solution provider for energy trading, logistics and risk management in the global crude oil, refined products and energy derivatives marketplace. Our team includes some of the most experienced software designers, developers and business analysts in the commodities industry today. Since our inception, our main goal has been to provide the trading community with the most robust, user-friendly, enterprise-wide software package available. We continue to launch new products that address customers' needs and adjust to dynamic market demands.

Roles and Responsibilities:

- The Senior/Lead engineer will be responsible in owning key design and development in developing the risk, stress, pricing and portfolio accounting functionality in Amphora's strategic commodity trading and risk management platform build.
- The remit will include making the key designs and development of key components as well as leading a development team in risk, pricing and portfolio accounting components.
- He/she will work under the direction of the Company CTO and work very closely with him to execute and deliver the product that will include short term performance and stability engineering as well as playing a leading/key role in Amphora's effort to build its next generation industry differentiating product.
- The role will also work with the rest of the technology organisation to improve the SDLC rigor including automated testing, automated build and deployment, design and coding best practices.
- Be a proactive leader in active engagement to resolve issues, collaborate with the rest of the development organisation to deliver the technology strategy defined by CTO and the company strategy defined by CEO.

Experience and Expertise:

- Around 8-10 years of hands-on experience in software design, software development and deployment.
- Hands-on experience in designing and developing scalable risk platforms including VaR, CVaR, stress and risk simulation, pricing, valuation, PnL calculation for large portfolios in financial services or commodity industry is a must.
- Good understanding in financial mathematics, statistics will be an added advantage.
- Detailed knowledge and experience in design patterns spanning all layers of an application architecture (Front end, Mid tier, business logic layer, integration and data layer)
- Strong experience in distributed /parallel computing frameworks, multi-threading (Java, Python, Scala), work scheduling, stream processing is essential in developing scalable risk calculation, pricing valuation and executing stress scenarios.
- Good understanding of Java virtual machines, operating systems infrastructure is advantageous in resolving performance, concurrency issues.
- Having experience in functional programming like Kotlin, Scala will be a definite advantage especially in implementing business logic components.

- Experience in using unit ,component and integration testing including Behaviour driven development (BDD) like Cucumber /Gherkin scripting as part of development process, using continuous integration (Jenkins, Teamcity) and using build tools like Maven, Gradle is must.
- Ability to instrument code, monitor application execution, identify issues and solving them objectively and performance engineering are key needs.
- Knowledge in database architectures, writing performant SQL and understanding and appreciation of how databases work and utilizing efficient ORM technologies /or alternate efficient data access tools is very is important.
- Must be a strong team player and should be able to work with different locations in Asia, Europe and America.
- Experience in working in agile delivery model and knowledge in Agile methodologies

Requirements:

Bachelors or master's degree in computer science, Math's or Engineering proficiencies from a reputed engineering or science university.

Benefits:

We value our employees' time and efforts. Our commitment to your success is enhanced by our competitive salary, depending on experience, and an extensive benefits package including paid time off, private medical insurance (that covers standard out-patient therapies, mental care, extra care, extra cancer cover), income protection insurance (which covers 80% of salary if you become unable to work because of illness or injury), enhanced pension contribution and future career growth opportunities. Plus, we work to maintain the best possible environment for our employees, where people can learn and grow with the company. We strive to provide a collaborative, creative environment where each person feels encouraged to contribute to our processes, decisions, planning and culture.

Employment Location:

Amphora UK Limited 3
London Bridge Street
London, SE1 9SG

Any applicant who is interested in this position may apply by emailing resume and cover letter to:

hr@amphorainc.com