Job Description: Software Developer

ABOUT THE PROJECT AND THE TEAM:

Location: Luxembourg or Switzerland (onsite/or remote)

WHO ARE WE?

We are an innovative financial technology firm that leverages distributed ledger technology (DLT) to bring game-changing efficiencies to the securities finance and repo industry.

Our core clients are banks and asset managers active in the global securities finance and repo markets, and our unique platform enables market participants to execute frictionless, precise and real-time transfer of ownership of securities. This provides our clients with capital cost savings by reducing credit risk, intra-day liquidity requirements and operational risk.

In order to reinforce our Technology team we are currently looking for a motivated Software Engineer.

WHY WE NEED YOU

Our engineering team is critical to the success of the platform. As a software engineer, you work in an agile environment of geographically distributed teams and have a sound understanding of security engineering principles. You develop key components our collateral exchange platform.

The platform is built based on a modern tech stack that includes Kotlin, Spring Boot, ActiveMQ, Gradle, Ansible, Docker, and Corda.

You improve our platform that is based on R3's Corda Distributed Ledger Technology. Corda allows businesses to transact directly and privately using smart contracts. These smart contracts are written in Kotlin.

We interface with external systems using message queues and RPC.

Our collateral exchange platform is used by industry leaders of the financial sector. You will ensure the platform design is suitable to meet the security, resilience, and confidentiality needs of our clients.

Besides your passion for software engineering, you are comfortable in communicating with our partners.

You will support the Tech team in the onboarding process of new clients that includes IT due diligence assessments. As a member of the tech-team you participate in an on-call rota to monitor our production system.

YOUR PROFILE

- Master's Degree in Computer Science. We expect a solid knowledge of computer science fundamentals. Areas of importance include databases, concurrency, security, and networking.
- Three years of software engineering experience with Kotlin, Java, or other JVM targeting languages.
- Track record of significant contribution to a development team that created a successful product of significant scale.

- Proactive, critical thinking, interpersonal skills, technological analysis, research.
- Ability to work in a dynamic, challenging environment; able to adapt easily to change.
- Excellent English written and oral communication skills.

  Nice to have **(but not a must):**
- Experience with functional programming.
- Knowledge of Blockchain or Distributed Ledger Technologies such as Corda, Hyperledger Fabric, Ethereum.
- Experience with relational database management systems, messages queues, and Public Key Infrastructure.

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