

Akvelon Inc.

Position: Scala Software Development Engineer

About us

Akvelon Inc (USA) works in the field of software engineering based on a variety of technologies. Our company is a member of the vendor program, which gives employees the opportunity to work with clients in the United States and other countries (**Microsoft, Facebook, Airbnb, Dropbox, Pinterest**, and many others). This is a great opportunity to learn from and work with leading engineers of world-renowned companies.

About project

Our client is a technology firm that specializes in multi-party workflows and infrastructure. They are building the next generation of capital markets technology and are seeking talented, motivated professionals who want to be part of this once-in-a-career opportunity to not only see but also drive the incredible changes coming to global capital markets.

Our client seeks a dedicated and skilled Scala Software Engineer to join the team. As a Scala SDE, you will play a pivotal role in developing software solutions for one of the company's biggest client initiatives.

The product is a financial platform that is rapidly growing, and our Scala developers will develop the cloud-hosted, API-first, microservices and applications. Our Client develops the current platform in collaboration with several other financial institutions. It focuses on modernizing and enhancing the post-trade processing of derivatives using blockchain technology. This platform aims to improve the efficiency, accuracy, and security of post-trade processes for derivatives, specifically credit derivatives. This includes tasks such as trade confirmation, settlement, and lifecycle event management.

The platform leverages our Client's blockchain infrastructure to ensure efficient, secure, fast, and transparent transactions and synchronization. The platform supports the full lifecycle of derivatives transactions, including trade confirmation, settlement,

amendments, and termination. It also provides real-time data synchronization, ensuring that all parties have the latest information on the functionalities of this platform: post-trade processing, data integrity, and automation of many financial operations.

You'll be working under the management of an onsite engineering manager, in collaboration with onsite product managers, Backend and Frontend developers, DevOps engineers, and a team of QA specialists from Akvelon.

Responsibilities

- Writing code in Scala and utilizing messaging systems like Kafka
- Participating in code reviews and enforcing best practices to deliver high-quality software products
- Review and analyze complex processes, system and/or data requirements and specifications across a major program or project or several small projects or programs
- Guiding technical design and coding standards for our platform and product roadmaps, informed by client feedback
- Sharing knowledge and advocating for API development, networking components, and implementing secure protocols
- Promoting Agile and Test-Driven Development Methodologies
- Collaborating with the Scrum team to coordinate tasks across multiple features

Work Schedule

- Full overlap with EST working hours (GMT-4) is a huge plus
- Preferred overlap until 1 pm EST (GMT-4)
- Daily meetings happen at noon EST
- Scrum meetings usually happen between 12 pm - 3 pm EST
- We have sprints of 2 weeks, releases typically happen once a month

Requirements

- 4+ years of professional software development experience with Scala functional programming
- Experience with ZIO, Typelevel, CatsEffect, or Akka
- Experience utilizing messaging systems like Kafka
- Experience building REST API services
- Proficiency in SQL
- Experience with Docker / Kubernetes

- Comfort with large data sets, preferably experience with PostgreSQL, MySQL, Oracle, or DB2
- Knowledge of security best practices for application architecture, communication protocols, and AWS infrastructure
- Comfort with workflows in Gitlab, Jira, and Confluence
- Strong understanding of algorithm development, networking components, and implementing secure protocols
- Strong written and verbal technical communication skills

Nice to have

- Technical Leading experience, and problem-solving skills
- Knowledge of Solidity, Ethereum, and Bitcoin blockchains
- Experience with Python, Java is a plus
- Familiarity with network protocols (http/2, tcp)
- Capital markets and fintech experience

Our benefits

- Paid vacation, sick leave
- Official state holidays
- Professional growth while attending challenging projects and the possibility to switch your role, master new technologies and skills with company support
- Flexible working schedule: 8 hours per day, 40 hours per week
- Personal Career Development Plan (CDP)
- Employee support program (Discount, Care, Heals, Legal compensation)
- Paid external training, conferences, and professional certification that meets the company's business goals
- Internal workshops & seminars
- Support with relocation

Please send your resume/questions to our mail (career@akvelon.com).

We will be glad to see you in our team!