



Software Engineer – Core Development

Based in: London
Reports to: Head of Core Development
Company Profile: genesis is a software house operating in the Financial Services Industry which with its disruptive and innovative technology, positions itself as a highly successful FinTech scale up.

Products and Technology platform

Genesis has numerous products aimed for the Financial Services Industry which are all based upon the innovative genesis microservices backend framework and leveraging the equally innovative genesis web framework. We have invested in our industry focused framework which uses a variety of open source and commercial technologies to allow us to rapidly provide capital market solutions based on the Microservices architecture.

The Role

This is a very technology focused role requiring an understanding of messaging patterns, good software architecture, databases and with a desire to create a high-performance framework that is easy for Product Developers and clients to use. The role is very varied and covers all aspects of technology with a focus on parallel processing, speed, reliability, scalability, and distributed processing.

Responsibilities

- Design, implementation, test and maintenance of the Genesis solutions and tools
- Work closely with product developers, UI/UX developers and Web engineers in an iterative process
- Have a good knowledge of our business, services and our customer's needs
- Set project milestones and be responsible of keeping track of the progress
- Deliver software releases on time and with the expected capabilities and quality
- Be involved in the full life cycle of software development
- Have ownership in delivering, improving and maintaining the Genesis Core Microservices Framework

Job Requirements

Experience

- At least a Bachelor's degree in Computer Science.
- Proven industry experience as a software engineer successfully delivering large projects
- Proven industry experience following strong Agile Software Development practices (TDD, BDD, CI/CD, etc)

Required Skills

- Expertise knowledge of Java8+
- Strong knowledge of concurrency patterns/problems
- Strong knowledge and understanding of distributed systems and technologies
- Strong follower of the Twelve-Factor App methodology
- Interest in financial systems
- Interest in NoSQL databases systems (MongoDB, Aerospike, etc.)
- Experience in Relational databases (e.g. Oracle, MS SQL, Postgres)
- Understanding of the reactive programming paradigm (RxJava)
- Interest in other JVM-based languages with good Java interoperability (Groovy, Kotlin)

Personal skills

- Very strong problem-solving and analytical skills
- Very strong communication and interpersonal skills
- Must continually strive to acquire new skills in relevant technology and business
- Ability to work both independently and in groups and be able to set own goals based on shifting priorities
- Ability to maintain confidence and composure in stressful situations
- Self-starter with strong sense of ownership