Basic Info

Name：Jacob Huang

Age：26

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Career Object：Java development engineer

Tel：18856320771

Education

2014.09-2018.06   **Hefei University of Technology**

Skills

- Familiar with Java syntax, foundational frameworks such as multithreading and collections

- Preliminary understanding of the JVM principles, including the memory model, garbage collection mechanism, and experience in JVM tuning

- Familiar with open source frameworks such as Spring, Spring MVC, MyBatis and the use of Spring Boot and Spring Cloud microservice components

- Familiar with the use of mainstream relational database MySQL, have a certain experience in SQL statement tuning

- Familiar with Kafka, able to use Kafka as a message middleware to buffer traffic and achieve the effect of peak load shifting

- Familiar with NoSQL database Redis, have an understanding of MongoDB

- Familiar with Docker, use Docker to deploy the project

Work Experience

2020.05-present   **Shanghai Kingstar Fintech Co.,Ltd**

Design&Development: Participate in the functional design and development of the company's engineering efficiency platform and precious metal physical deposition system, and be responsible for the design and development of the core module of the quantitative trading platform.

Coding: After completing the functional technical scheme design, be responsible for the core coding of corresponding functions and modules.

Deployment: Responsible for the deployment and maintenance of the company's internal environment and customer online environment.

Poc: Responsible for the POC requirements of three customers, quickly customizing the customer requirements, and deploying and maintaining the demonstration environment.

Development management: Act as quantitative development director, plan and schedule development tasks according to agile management, organize a regularly, and improve development quality.

Communication and coordination: Responsible for the deployment and maintenance of the company's internal environment and customer online environment.

Design & Development: Participate in the functional design and development of the company's medical platform SPD and medical material intelligent cabinet.

Documentation: After completing the functional technical scheme design, be responsible for the core coding of corresponding functions and modules.

Develop coding: Responsible for the deployment and maintenance of the company's internal environment and customer online environment.

Functional optimization: Responsible for quantifying the POC requirements of three customers, quickly customizing the customer requirements, and deploying and maintaining the demonstration

Project Experience

Quantitative Trading Platform

Project Introduction： Quantitative trading platform is a platform that includes the functions of strategy back testing, factor investment and research analysis, simulation matching, real offer trading, user account management and so on.

Technology Stack： Spring Cloud Alibaba, Kafka, redis, MySQL, MongoDB, TiDB, XXL-JOB, Prometheus, Docker etc.

Work content:

1. Responsible for the development and implementation of core modules such as overall scheme design, strategy back testing and factor investment research analysis.

2. Use Kafka as the message queue, the peak pressure of the back testing service and the computing engine can be effectively reduced in high concurrency scenarios.

3. Based on redis, the development of scenarios such as home page strategy rankings and hotspot data caching is realized.

4. Use TiDB to deal with big data scenarios such as market data, back testing, and factor analysis results

5. Based on distributed task scheduling platform XXL-JOB, factor calculation and strategy back testing are performed regularly.

6. Use Grafana, Prometheus, Loki etc. to build application monitoring and log monitoring platforms.

Precious metal physical deposition system

Project Introduction: Physical accumulation products support the physical precious metal business such as self-operated products and consignment products, the accumulation business such as active accumulation and redemption of precious metals, and the accumulation of physical exchange, accumulation share transfer, accumulation to regular products derived from this basis, and can effectively handle the income of various types of customer investment in various metal accumulation products, physical delivery and other related businesses.

Technology Stack: Spring Cloud Alibaba, Kafka, redis, MySQL, Oracle, Zipkin, Docker etc.

Work content:

1. Responsible for the design and development of the accumulation purchase and redemption functions of the accumulation fund system.

2. Responsible for the multi-tenant architecture transformation of the accumulation transaction module of the accumulation fund system.

3. Participate in system reconstruction, and be responsible for the design and development of transaction module reconstruction.

4. Responsible for customer system docking and on-site deployment and implementation.

Kingstar Engineering Efficiency Platform   **Java Development Engineer**

Project Introduction: Interner engineering efficiency platform includes manual testing, API testing, continuous construction and other Devops system contents, which supports the company's testing, development and other teams to make the work faster and more efficient.

Technology Stack: Spring Cloud Alibaba, Kafka, MySQL, XXl-JOB, redis, Docker.

Job Responsibility:

1. Responsible for the design and development of manual test modules and automated test functions.

2. Connect with the company's internal testing team to realize customized function development.

3. Online environment deployment and version maintenance.