

**Basic Info**

**Personal Resume**

**Name：**Jacob Huang **Career Object：**Java development engineer

**Age：**26  **Tel：**18856320771

**E-mail：**hj9667@outlook.com

**Educationn**

**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 physical inventory 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:** Participate in the functional design and development of the company's engineering efficiency platform and physical inventory 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

**项目经历**

**量化交易平台**  **开发主管**

**项目简介：**金刚钻量化交易平台是一个包含策略回测、因子投研分析、模拟撮合、实盘交易、用户账户管理等功能的平台。

**技术栈：**Spring Cloud Alibaba ，Kafka，redis，MySQL，MongoDB，TiDB，XXL-JOB，Prometheus，Docker等。

**工作内容：**

1. 负责整体方案设计，策略回测和因子投研分析等核心模块开发实现
2. 使用Kafka作为消息队列，实现了高并发的场景下，能够有效的降低回测服务以及计算引擎的峰值压力
3. 基于redis，实现了首页策略排行榜以及热点数据缓存等场景的开发
4. 使用TiDB，应对行情数据、回测以及因子分析结果等大数据场景
5. 基于分布式任务调度平台XXL-JOB，定时执行因子计算、策略回测
6. 使用Grafana、Prometheus、Loki等搭建应用监控以及日志监控平台

**贵金属实物积存系统**  **Java开发工程师**

**项目简介：**实物积存产品支持自营产品、代销产品等实物贵金属业务、贵金属的主动积存定投和赎回等积存业务，以及在此基础上衍生出的积存实物兑换、积存份额转让、积存转定期产品，并可处理客户投资各类贵金属积存产品的收益、实物提货等相关业务。

**技术栈：**Spring Cloud Alibaba ，Kafka，redis，MySQL，Oracle，Zipkin，Docker等。

**工作内容：**

1. 负责积存金系统积存购买、赎回功能的设计与开发实现
2. 负责积存金系统积存交易模块多租户架构改造
3. 参与系统重构，并负责交易模块重构设计及开发实现
4. 负责客户系统对接以及现场部署实施

**金仕达工程效率平台 Java开发工程师**

**项目简介：**

**技术栈：**Spring Cloud Alibaba ，kafka，MySQL，XXL-JOB，redis，Docker等

**工作职责：**

1. 负责手工测试模块和自动化测试功能的设计与开发
2. 对接公司内部测试团队，实现定制化功能开发
3. 线上环境部署与版本维护