Ding Xiao 肖鼎

For

Java

HSBC

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| Top 3 Skills:   * Linux * Concurrency * Performance Optimization   Experience: 3 years |

If you have any questions about this candidate or our service, please contact:

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PERSONAL BACKGROUND

Nationality: Chinese

Residence Location: Guangzhou

Language Capability: Mandarin, English reading and writing

Gender: Male

Date of Birth: 1996-06-03

Marital Status: Unmarried

EDUCATION

2015.09-2018.06 Hunan Industry Polytechnic

Software engineering, college

**PROFESSIONAL SKILLS**

* **Java**
  + Java basic knowledge
  + Use concurrency gracefully
  + Know the JVM better than you think
  + Most of the improvements of Java1.5 to Java11
  + Others?JIT,JMH….
* **Database**: Surprising ability to use MySQL,MongoDB and Redis,Familiar with Oracle,Elasticsearch
* **Framework**: Best practices of Spring Cloud Family Buckets,Reactor,Redisson,Kafka and other framework
* **Linux**: Proficient
* **Tools**: Familiar with DockerCE,EFK,Jenkins,Keycloak,IDEA

**PROFESSIONAL EXPERIENCE BRIEF**

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| **TIME** | **EMPLOYER** | **ROLE** |
| 2019/05 – 2021/06 | **Guangzhou Kinth** Technology Co., Ltd | Java Developer |
| 2018/06 – 2019/05 | **Beijing Wintelia** Technology Co., Ltd | Java Developer |

**P****ROJECT EXPERIENCE**

**2020/04 – now Inventory Management System**

**Introduction**

Used to manage multiple modules and coordinate them to complete different tasks

including but not limited to

Automatic and manual cabin control

Space release strategy

Business chart

Market decision

**Responsibilities**

1. Build system architecture and environment
2. Architecture development
3. Modules Development
4. Technical consulting

**Technology stack**

Java11, SpringCloud, MyBatis

MySQL, Consul, OIDC

Kafka, Docker, EFK

**Project achievement**

1. Maintenance of up to 40 different types of microservice modules
2. When QPS is 500,the latency of 95% of authorized service is less than 50ms
3. When TPS is 4000, the latency of 95% of authencated service is less than 50ms

**2020/08 – 2021.03 Flight Fare Search**

**Introduction:**

This is a renovation project to replace the original old project

The original project uses solr to search, and needs to be transformed to use elasticsearch

The data is not directly in solr or es, the original data is in oracle

We have designed a set of programs to synchronize the data in oracle to es. The import process contains very complex business logic, which is completed by timing tasks

There is a buffer layer that uses redis, because you have to import data multiple times a day, and use zookeeper to invalidate the previous cache

**Responsibilities:**

1. Optimize the performance of Elasticsearch import
2. Developer

**Technology stack**

SpringBoot, Caffeine, Zookeeper, Jpa

Redis, Oracle, Elasticsearch, Solr

**Project achievement**

Compared with solr, elasticsearch import performance is increased by 10 times

**2019/06 – 2020/10 Team Flight Fare Management System**

**Introduction**

The project is a micro-service project for employees to manage ticket prices and manage flights, etc.

I am not responsible for the specific logic

**Responsibilities**

1. Build system architecture and environment
2. Architecture development
3. Technical consulting

**Technology stack**

Java11,SpringCloud,MyBatis

MySQL,Consul, OIDC

Kafka, Docker,EFK

**Project achievement**

When QPS is 500,the latency of 95% of authorized service is less than 50ms

When TPS is 4000, the latency of 95% of authencated service is less than 50ms

**2018/11 – 2020/06 Revenue Management System**

**Introduction:**

This project is an OLAP type project, used to analyze the ticket price and income of China Southern Airlines from various aspects, and display it in the form of front-end charts

**Responsibilities**

1. Group Leader
2. Design and build business processes
3. Performance optimization

**Technology stack**

SpringBoot

MySQL,MongoDB,Redisson

**Project achievement**

When QPS is 5, the average latency is 10 seconds, hitting 20 million from 7 billion data