LiangPengYi

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ShenZhen

EDUCATION

Guangdong University of Technology Sep 2018 - Jun 2022
Network Engineering Bachelor GuangZhou

PROFESSIONAL EXPERIENCE

Sensors Data Co., Ltd Dec 2021 - Present
Big Data Developer (2021.12 - 2023.04), Big data application consultant (2023.4 - now) ShenZhen

During the big data development period I mainly participated multi-projects regarding in the customized development and delivery of Sensors Analysis (product) and Sensors Focus Platform (product), as well as the pre-sales development of solution cost preview and quotation system (internal usage) developed by the cross-department cooperation of enterprise efficiency .And the iteration of Sensor Tower environment inspection project.

After transferring In April 2023 , I served as a big data application consultant (which overlaps some responsibilities of TAM in Sensors). Besides In addition to the above responsibilities, I was also responsible for the full- process technical docking of multiple Sensor's products Sensor Focus Platform and Sensors Analysis projects, covering technical points, technical implementation and coordination of technical technical resources coordination . The work of technical managers。, such as helping clients such as China Securities, Shell China, and Fendi to successfully complete the technical implementation of integrating the Sensors platforms, and providing support for subsequent daily technical problems.Ours clients including China Secuirities, Shell China, Fendi, etc.

Technical stack : Kafka, Spring Boot, Redis, Nginx, Impala, Hadoop, Kudu, MySQL, Python

PROJECT EXPERIENCE

WeCom Marketing System Customized Development (For BabyCare) May 2023 - Present
backend developer ShenZhen

- **Project background:** Sensors realized fine-grained operation for user behavior by associating WeChat mini programs with enterprise WeComhat (for commercial use) customers and using Sensors Analysis (product)and Sensors Intelligent Operation(product). However, due to the large number of enterprise WeChat customers of Babycare and the use of multiple different SCRM vendors,the Sensors standard docking program cannot successfully trigger the official WeChat interface to pull data. Therefore, it is necessary to rely on a third-party platforms for data import importing and marketing reach.
- **Personal work:**Developed a distributed stream batch integrated import program] for enterprise WeComChat data based on sentence interaction JUZI.BOT, realized the collection of reporting the changeadd and delete data of **5 million+** enterprise WeComhat customers' data of Babycare, and realized a the minute-level enterprise WeComhat data synchronization system based on the callback interface of enterprise WeChat. JUZI.BOT. Based on sentence interaction and Sensors Focus Platform, developed intelligent operation reach channels and receipt systems, and iterated multiple times under the huge data volume of Babycare, and realized the development of customized marketing systems that push millions of messages in real time every day.
- **Final result:** Based on JUZI. BOT and Sensors Focus Platform, I developed intelligent operation reach channels and receipt systems, and iterated multiple times under the huge data volume of Babycare, and finally developed a customized marketing systems that push millions of messages in real time every day.And I Iteratived the programme,the TPS of receipt programme grows **from 1500 to 4000**.The TPS of sending programme grows from **2000 to 5000.**

Building the pre-sales proposal review and quotation system from 0 to 1 Dec 2022 - Present
backend developer

- **Project background:** Before the internal SKU concept was introduced, delivery quotes were assessed case by case based on man-days. Subsequently, in order to standardize the quotes and costs of delivery services, Shenzhen went through the process of using Fenxiaoxiaoke embedded code development, and then to self-built quotation system. Participated in the project from the stage of customized code development of Fenxiaoxiaoke, and accompanied the whole project to the process of self-built platform.
- **Personal work:** In the project, responsible for developing part of the Fenxiaoxiaoke Java embedded program. However, due to the need for platform charges for some research functions, the internal decided to switch to self-development. Therefore, I started the development of the internal quotation calculation system. I designed the custom quotation program scheme and continue to iterate it. Initially, I used the strategy pattern to implement the development of simple calculation rules. With the continuous evolution of the project, I stored the simple calculation rules in the system and configured them through the internal personnel interface. For complex calculation rules, customized development is used to iterate.
- **Final results:** Participated in the cross-departmental cooperation between Shenzhen delivery department and enterprise efficiency department, successfully built the Shenzhen quotation system from scratch, and successfully built it. The system has been successfully launched and is running stably, and we are still continuing to iterate and optimize it. Through my work, we have successfully standardized the quotation and cost management process, and provided Shenzhen with an efficient and stable self-built quotation system.

SUMMARY

- Familiar with JVM, and have nearly one million messages/hour of IO intensive system development project practical experience, familiar with Java network programming and multi-threaded programming.
- Familiar with Spring Boot and Spring Cloud. Familiar with message queues, and have project practical experience in using Kafka to implement push and receipt systems.
- Familiar with common databases, including Redis and MySQL, understand the use and performance optimization of database engines such as InnoDB and Impala, and in the sentence interaction project, distributed KV databases and MySQL and Redis are used as the support of the program, solving the data storage problem.
- Familiar with common design patterns, including strategy patterns, publish-subscribe patterns, etc., and can be applied to actual projects.