

042804

Age : 29

Sex : male

College : Beijing University of Technology

Speciality : computer science

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professional skill

- ❖ Good fundamentals of data structures and algorithms
- ❖ Solid Java basic skills; be proficient in multi-threading, collection and other frameworks; have Golang development experience
- ❖ Familiar with JVM principles, including memory model, garbage collection mechanism
- ❖ Master the principles of Redis cluster, be familiar with synchronization and backup strategies, and be able to use cache to solve performance and reliability problems in different scenarios with high concurrency
- ❖ Master the principle and application of Kafka message middleware, use MQ to achieve system decoupling, buffer traffic, cut peaks and fill valleys
- ❖ Familiar with mainstream distributed architectures, have experience in high-performance and high-availability projects, and be familiar with Linux systems
- ❖ Familiar with full-text search engines such as Elasticsearch and Solr
- ❖ Proficient in mainstream relational databases, such as MySQL, Oracle; design and abstract business relationships, have experience in sql optimization, read and write performance optimization experience

Work experience

	name	Position
2021.05--now	IReader Technology Co., Ltd.	Senior R&D Engineer
2020.04--2021.03	Yidu Technology Co., Ltd.	Senior R&D Engineer
2018.12--2020.03	World State Travel Network	R & D Engineer
2015.07--2018.11	HNA Technology Co., Ltd.	R & D Engineer

Project experience

name : IReader User Center

description : The overall system architecture of the user center middle station is composed of middle station basic components, user information and virtual assets, user check-in and message reminders, cloud bookshelf, reading and listening to books, orders, payment, gift center, activity center and other modules. The middle-office system in the user center provides services for a number of different online reading platforms, including the main app of IRead, such as the built-in readers of Huawei and OPPO, quick viewing, full reading, and quick applications. Carrying the core user retention and conversion tasks. Manage users' virtual assets on the platform and create a good online reading experience for users

skill : SpringBoot、SpringMVC、MyBatis、Redis、MySQL、MongoDB、kafka

duty : 1.Design, development and optimization of the China-Taiwan message notification project
2.Design, development and reconstruction of Zhongtai Cloud Bookshelf Project
3.Responsible for the design, development and optimization of check-in projects in China and Taiwan, including overall performance optimization and process decoupling optimization

4. Responsible for the design and optimization of middle-office payment, virtual assets, and data statistics
5. Responsible for promoting basic project transformation, including Golang project transformation, data source migration, cache optimization, etc.

acquisition : There are more than 200 million middle-end users in the Palm Reader User Center. Average daily active users 20 million.

The peak qps of some interfaces exceeds 10w. In the middle and Taiwan projects, a large number of Use various data structures of redis to cache hot information; use MQ to solve coupling; use asynchronous queues to reduce the pressure on services of concurrent requests.

Use Mysql's sub-table and master-slave split to reduce database service pressure and ensure availability. use the same-city active-active computer room to provide conditions for disaster recovery. to the C terminal Provide users with efficient and stable services. The user middle platform well supports the business line needs of various apps. Promoted and optimized some projects.

Design modification and performance improvement.

Project experience

name : The main website of the world travel website

description : It provides travel services around the main station in terms of itinerary customization, content platform, event marketing, message processing, and itinerary management.

Adopt the project development model of microservices. The overall business structure is divided into: order, content platform, community background, visa, special topic, itinerary master, statistics, supply chain, geographic data, message center, process node, talent system and other modules.

skill : SpringBoot、SpringMVC、MyBatis、Redis、MySQL、SpringCloud、Kafka

duty :

- 1.Iterative development of main site, community backend, and app server. Based on distributed cache, it realizes hotspot data storage, interface idempotence,Development of high concurrent access scenarios such as special events.
- 2.Responsible for the development and optimization of process nodes and message centers. Based on the high throughput feature of Kafka, use this feature to provide stable and high-performance message services between multiple systems.
3. Responsible for the design and development of special events. Using Elasticsearch, full-text search for itinerary POA and event information
- 4.Design and development of core modules such as strategy engine, task scheduling, and message reach in the data marketing platform

acquisition : Through the development of this project, I have my own understanding of the development of the main Internet site and the app server for the C-side, and also have practical experience in the design,development and optimization of the data marketing platform for the B-side. It realizes the loose coupling,high performance and high availability of the system. In the design and development process, there are clear development processes and coding specifications, and the design and review of complete technical solutions. Improve your ability to solve specific business problems and optimize user experience, and improve your understanding of the overall business.

Self-evaluation

- ❖ Optimistic, cheerful and adaptable. Have good coding taste, standardized design and development habits
- ❖ Possess good communication skills and a high sense of teamwork, and can take the initiative to undertake and advance projects in the face of pressure. Can quickly integrate into the team
- ❖ Broad technical vision, good learning ability, sensitive to new technologies in the industry, like to study, have good learning ability and focus on teamwork and sharing

- ❖ Love programming, at work, have a strong sense of responsibility, a strong sense of pioneering and innovation, can maintain the spirit of continuous improvement, and have a high degree of execution Broad technical vision, good learning ability, sensitive to new technologies in the industry, like to study, with good skills Ability to learn and focus on teamwork and sharing