

# YAO JINQING

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A senior full-stack development engineer with 4 years of experience in developing large-scale enterprise applications. I have led the delivery of projects with tens of millions of users from scratch. Proficient in the Java/Python full-stack technology stack (Spring Boot/Django/Vue.js/TypeScript), and skilled in the design of distributed systems and microservices architectures. Capable of independently developing TOC/TOB products, I have led the construction of high-concurrency systems that handle millions of requests per day, ensuring the real-time and stable operation of platforms with over 30 million registered users.

## SKILLS

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- Solid foundation in Java/Python, familiar with JVM basics, common collection classes, and multithreaded concurrent programming.
- Proficient in using common web frameworks such as Spring Boot and Django, and ORM frameworks such as MyBatis and Spring Data JPA.
- Familiar with microservices architecture, major service governance components in the Spring Cloud ecosystem, and Docker containerization deployment.
- Familiar with TCP/IP and HTTP protocols.
- Familiar with relational databases such as MySQL, PostgreSQL, Dameng, and Kingbase, with certain SQL tuning capabilities, and familiar with NoSQL databases such as Redis.
- Familiar with XXL-job scheduled tasks, MQ message queues, and Redisson distributed locks.
- Familiar with the Linux system and common commands, able to write simple Shell scripts.
- Familiar with common design patterns, data structures, and algorithms.
- Common tools: Maven, Git/SVN, Swagger, etc.
- Proficient in HTML5/CSS3/ES6, Vue, and WeChat Mini Programs, and familiar with front-end development technologies such as JS/TS and Element UI.
- Others: Experience in the delivery of domestic independent innovation cloud construction, experience in security operation and maintenance of classified protection and cloud platforms.

## WORK EXPERIENCE

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### Guangzhou Zhengyi Information Technology Co., Ltd., Backend Development

2021/05 – 2025/04

Zhengyi Information Technology is a professional provider of mobile information software products and services. It is the first company in the industry to combine interactive systems with business systems. It is mainly engaged in the research and development of enterprise management software, big data, and mobile Internet software.

- 1. Participated in the discussion of product original requirements, completed core code development, and conducted code reviews within the team.
- 1. Followed up on joint debugging and testing progress, and completed server-side releases.
- 1. Product iteration.
- 1. Discussed system architecture and performance optimization.

### Dongguan Guangyi Traditional Chinese Medicine Research Center, Administrative Commissioner/Assistant

2020/12 –  
2021/05

- 1. Responsible for the overall management of the company's daily logistics affairs, including but not limited to office environment maintenance and employee welfare planning.
- 1. Coordinated internal and external relationships to ensure smooth reception of visitors and various logistics work.
- 1. Supervised progress to promote the effective execution and timely completion of various plans.
- 1. Accurately conveyed superior instructions and promptly handled various emergency affairs to ensure smooth company operations.

- 1. Responsible for formulating and executing the company's content operation strategy to enhance brand influence.
- 1. Created high-quality original content, including but not limited to articles, reports, and social media posts, to attract and retain the target audience.
- 1. Monitored and analyzed content performance data, and adjusted the operation strategy to improve user engagement and content dissemination.

## PROJECT EXPERIENCE

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### Fast-Moving Consumer Goods QR Code Marketing System (DAU over 300,000, total user volume 20 million)

1. Responsible for designing and implementing the QR code generation and management module to ensure the uniqueness of each QR code and the stability of the system.
2. Developed the points mall function, including product display and points redemption process, to enhance user engagement and loyalty.
3. Implemented the order tracking system, linking online transactions with offline verification through QR codes to optimize the user experience.
4. Participated in the development of backend services to support business requirements such as QR code verification, data collection, and analysis in high-concurrency scenarios.
5. Designed a JWT multi-terminal unified authentication scheme to enable secure access for suppliers and external users, handling an average of 40,000 user registrations per day.
6. Decoupled the asynchronous buffer verification of QR code scanning permissions based on MQ queues to ensure 99.9% real-time response to over 300,000 daily QR code scanning requests.
7. Used Redisson distributed locks to solve the overselling problem in the points mall, increasing the concurrent order processing capacity to over 5,000 orders per second.
8. Developed the handwritten electronic agreement signing function to simplify the business signing process.

### Fast-Moving Consumer Goods Marketing Automation System (Terminal scale over 4 million)

1. Responsible for the design and development of the fast-moving consumer goods marketing automation system, focusing on optimizing sales process management and improving the management efficiency of the entire customer information lifecycle.
2. Developed the sales opportunity tracking system to ensure that the sales team responds promptly and effectively follows up on potential business opportunities.
3. Ensured the standardization and integrity of the entire sales process, and supported continuous business growth through continuous iteration and optimization of system functions.
4. Refactored the file upload service.
5. Led the development of the store visit process configuration, district management module, market penetration activity management, and asset placement module, supporting over 100,000 terminal visits and operations per day.
6. Integrated third-party forms to achieve automated data collection, designed multi-threaded data push interfaces, and completed the synchronization of 4 million terminal data to the third-party platform within 3 hours.
7. Built the Baidu AI product real-scene icon annotation system, improving the shelf product recognition accuracy to 95%.

## EDUCATION EXPERIENCE

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### Jinan University, Computer Science and Technology

2025 – 2028

- CS - Principles of Computer Composition