Zhao Kaijie - Senior Java Developer

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🌐 [Personal Blog](https://voidvvv.github.io/) 🏢 7+ Years Backend Development Experience  
🎓 East China University of Technology

## 🏅 Core Competencies

* **Full-stack Java Expert**: 7 years Java development experience, proficient in Spring ecosystem (**Spring Boot/Spring Cloud/Spring Data/Spring Security**) for building highly available systems. Solid understanding of data structures and design patterns.
* **Architectural Design**: Led design of high-concurrency distributed systems with microservices architecture, implemented service decomposition and circuit-breaking mechanisms.
* **Abstract Business System Design**: Capable of rapidly abstracting business requirements into system workflows for efficient development.
* **Technical Innovation**: Lead designer of championship solution in Ctrip 2021 Hackathon Programming Competition.
* **Code Excellence**: Contributor to open-source documentation, passionate about algorithms and clean code.

## 🛠️ Technical Stack

### Backend Technologies

**Core Frameworks**  
Spring Boot, MyBatis Plus, Spring JPA, Spring Security , Quartz, SLF4J

**Architecture**  
Spring Cloud, Microservices, Distributed Transactions, Circuit Breaking, Nacos

**Middleware**  
Redis, KafkaMQ, Apollo

### Databases

Oracle, MySQL, SQL Server, SQL Optimization, Read/Write Separation

### Engineering Capabilities

JVM Tuning, CI/CD Pipeline, Jenkins, Docker, K8S

### Technical Literacy

**Continuously learning through deep-dive analysis of Spring Framework source code (English documentation). Capable of quickly mastering new open-source projects. Expert in applying design patterns.**

## 💼 Professional Experience

### 🏦 Citigroup Finance (Shanghai) | Senior Software Engineer *(2022.09 - Present)*

**Financial Transaction Systems Department** | Real Estate Finance

* **Business Systems**
  + Managed **Transaction Management Backend System** (SpringBoot) maintenance and iterations
  + Developed **Facility Management System** (SpringBoot + Statemachine) improving operational efficiency by 100%
  + Created **BankerGoal System** (SpringBoot + SQL Server) for personnel management and data analytics, recognized by clients
  + Built **Loan Application Statistics System** (SpringBoot + Kafka + SQL Server) enhancing processing efficiency by 50%
* **Technical Contributions**
  + Developed **Historical Data Comparison Component** widely adopted across Citigroup backend services
  + Designed **Polymorphic Distributed Lock** component supporting multiple implementations

### ✈️ Ctrip | Senior Backend Engineer *(2021.03 - 2022.09)*

**Transportation Business Unit** | Rail Ticketing

**E-Ticket Offline** **Platform(springboot+mybatis+mysql)**

**Developed payment module functionalities including order intake, ticket issuance, refund processing, ticket modification, and login management. Authored technical documentation with core implementations: Redis distributed locks for concurrency control and database optimistic locking for account balance management in daily payment operations.**

### 🏦 Ping An Consumer Finance | Java Engineer *(2020.04 - 2021.03)*

**Risk Control Technology Department** | FinTech

**Risk Control System Integration**: Implemented AOP aspect for risk assessment with custom annotations

**Mall Order System**: Designed public transfer module using optimistic locking and Redis-based retry mechanism

**Basic Information Service**: Rebuilt data distribution system with Redis caching, improving query performance by 70%

Developed bank account verification interfaces with Redis-based data validation

### 🍎 Shanxi Golden Pomegranate Network Technology Co., Ltd | Java Mid-Level Engineer (2018.01 - 2019.12)

**Development Department​​** | Project Engineering Executed end-to-end backend code development for core systems, translating 50+ business requirements into production-ready solutions with 100% on-time delivery rate Optimized legacy codebase through standardized refactoring, reducing system error frequency by 35%

## 🏆 Technical Achievements

* Champion of Ctrip 2021 Hackathon [Project](https://github.com/capa-cloud/capa-bff)

## 📚 Technical Influence

* Open-source contributor (libgdx-doc)

## 📌 Additional Information

* **English Proficiency**: Fluent in technical documentation reading
* **Technical Pursuits**: Continuously researching various architectures. Exploring OpenGL and Java game framework [LIBGDX](https://libgdx.com/)