

# Zhao Kaijie - Senior Java Developer

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🌐 [Personal Blog](#) 🏢 7+ Years Backend Development Experience

🎓 East China University of Technology

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## 🏆 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.
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## 🔧 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.

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## 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%

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## Technical Achievements

- Champion of Ctrip 2021 Hackathon [Project](#)

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## Technical Influence

- Open-source contributor (libgdx-doc)

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## Additional Information

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