

Personal Information

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- Phone: 13776598417
- Education: Xiangtan University/Bachelor/Software Engineering/2012-2016
- Work Experience: 9 years/2016-2025
- Job Target: Java Development Engineer
- Blog: <https://russsia.github.io/>

Skills

- Java Core Technologies
 - Proficient in JVM memory model, class loading and GC algorithms, with JVM tuning experience.
 - Familiar with Spring, MyBatis, Spring Boot, Spring Cloud, Dubbo and other technology stacks, capable of technology selection and architecture design based on business scenarios.
 - Mastered multithreading programming, concurrency control and thread pool optimization, with problem-solving capabilities in high-concurrency scenarios.
 - Mastered design patterns and can flexibly apply them in actual projects to improve code maintainability and extensibility.
- Databases & Middleware
 - Proficient in MySQL, familiar with index optimization, slow SQL analysis and tuning, with distributed database design experience including sharding and read-write separation.
 - Skilled in Redis, familiar with solutions for cache penetration and cache avalanche, with cache design and optimization experience in high-concurrency scenarios.
 - Familiar with message middleware like RocketMQ and Kafka, with experience in high-availability design and message reliability assurance.
- Distributed Systems & Microservices
 - Familiar with distributed system design, distributed locks, distributed transactions (CAP, BASE, TCC) and related concepts.
 - Experienced in microservices architecture design, familiar with service registration/discovery, load balancing, circuit breaking and rate limiting

strategies.

- Other Skills
 - Basic knowledge of audio/video processing, familiar with FFmpeg usage.
 - Experienced in designing and optimizing high-concurrency, high-availability systems, having maintained systems with 10M+ MAU.
 - Familiar with agile development processes, with good coding standards and documentation skills.

Work Experience

Atour Shanghai - Hotel Opening Domain (2024.9 - 2025.2)

Job Description

Responsible for development and optimization of online processes in hotel opening domain, improving system performance and operational efficiency.

Key Responsibilities

- Digitalization of Decision Reports (Hotel opening decision process)
 - Organized state transitions throughout the decision report process, clarified business rules and logic at each stage to ensure clear and traceable workflow.
 - Produced detailed design and technical documentation including flowcharts, state machine design, and interface definitions as basis for development and maintenance.
 - Integrated with approval flow system to achieve automated node transitions and status synchronization, improving approval efficiency.
- Quality Inspection & Maintenance Reports (System used by Company operationer and hotel maintenance staff for room maintenance and sampling)
 - Connected maintenance reports with PMS (Hotel Property Management System), providing automatic room locking, renewal and release functions for maintenance.
 - Routine iteration and optimization of quality inspection reports.
- Daily Service Optimization
 - Slow SQL governance: Identified performance bottlenecks through slow query logs, Explain, and code analysis, optimized index design, queries, code logic and DB configuration, reducing interface response time by over 50%.

- Legacy code optimization: Refactored redundant code, optimized logic to improve readability and execution efficiency.

Ximalaya Shanghai (2021.5 - 2024.8)

Job Description

Initially responsible for MyClub sub-app development focusing on voice social live features including content creation, distribution and third-party service integration; later merged into main site community team responsible for follow service governance/optimization and community content development/maintenance.

Key Responsibilities

- Community-related feature development and maintenance
 - Developed "Book Shortage" topics (similar to Weibo super topics only for novels) to improve album subscription conversion.
 - Developed "Highlight Moments" timeline (similar to Bilibili's waveform on progress bar).
 - Developed interactive cards (voting, discussions on player page) and "Role Performance Collections" (character rankings for albums).
- Follow service governance and legacy project maintenance
 - Follow link analysis and tracking point modification.
 - Follow feature optimization and legacy issue fixes.
 - Maintained legacy projects like "Super Listeners" and community events, resolving online tickets.
- MyClub project development (similar to ClubHouse, voice social app - Ximalaya sub-app)
 - Mainly responsible for room, schedule and replay content creation & distribution, improving content lifecycle tracking.
 - Integrated ZEGO (voice IM), Tencent CDN (CDN & stream mixing/recording), and content audit (mainly about ASR).
 - Supported BGM playback & multi-track recording, optimized audio synthesis.
 - Supported company's 10th anniversary live voice event, provided tech support for Top programs (voice interview shows).

Souche Hangzhou - 24Car Team (2019.1 - 2021.4)

Job Description

Initially responsible for marketing tools and campaign development, later shifted to C-end mini-program development, leading several car owner service projects.

Key Responsibilities

- Car Owner Service (WeChat Mini Program): Integrated third-party benefits providing product purchases and point redemption.
- 24Car Butler (WeChat Mini Program): Provided butler-style 1v1 service for female car owners to acquire traffic.
- Tmall Product Publishing Tool (Backend): Integrated Taobao Open Platform to provide product publishing tool improving operational efficiency.
- Marketing campaigns
 - BMW Used Car Project (Alipay Mini Program): Collaboration with BMW to guide used car owners back to BMW dealers.
 - Car Benefits Club (Alipay Mini Program): Cooperation with Alipay providing check-in rewards to collect leads and direct traffic to Souche's Tmall store.

Meitu Xiamen - Hangzhou Meitu MeiZhuang (2016.8 - 2018.11)

Job Description

As Java developer in marketing department, initially responsible for coupon project iterations/maintenance, later led 红包 (red envelope) project from scratch ensuring stability under high concurrency.

Key Responsibilities

- Coupon project development and maintenance
 - Implemented coupon-related iterations including timed/quantitative coupons and spend-return activities.
 - Resolved online issues and optimized code.
- Red envelope project (built from scratch)
 - Designed and developed basic red packet, member red packet, spend-return red packet etc.
 - Conducted stress tests and supported major promotion events.
 - Troubleshoot online issues and optimized GC problems.
- Participated in community feed content construction and development.