

RENDA ZHANG

CONTACT

Address: Nanshan District, Shenzhen City, Guangzhou Province, China 518000

Phone: +86-13925067232

Email: 952402967@qq.com

Website: www.rendazhang.com

Status: Actively seeking opportunities; available to start immediately

EDUCATION

UNIVERSITY OF MINNESOTA - TWIN CITIES

College of Science and Engineering

Bachelor of Science, Computer Science

Sep 2014 – Dec 2017 | GPA: 3.79

Minneapolis, MN, USA

CORE STRENGTHS

- 5 years of Java backend development experience, proficient in Spring Boot, Spring Cloud, microservices, and multithreading.
- Strong English communication skills with international experience from studying in the U.S. since high school.
- Hands-on experience building large-scale backend systems from scratch with distributed architecture and high concurrency.
- Familiar with the full backend stack: databases, caching, message queues, system observability, and CI/CD pipelines.

PROFESSIONAL EXPERIENCE

COMPANY: MICHAELS (SHENZHEN) TECHNOLOGY SERVICES COMPANY LIMITED

Nov 2020 - Apr 2024 | Shenzhen, China

Software Development Engineer Backend, Michaels E-Commerce Platform

Product Lifecycle Management (PLM) Project:

- **Product Onboarding:** Spearheaded the development and optimization of product onboarding processes, ensuring comprehensive capture of product details and seamless readiness for sale.
- **Lifecycle Stages Management:** Architected the platform's capability to transition products through introduction, growth, maturity, and decline stages, enhancing product lifecycle tracking.
- **Inventory Management:** Pioneered inventory tracking features, implementing restocking alerts and inventory management functionalities, resulting in a 15% reduction in stockouts.
- **Supplier Integration:** Led the integration of the platform with multiple suppliers, streamlining product detail acquisition, inventory management, and order fulfillment.
- **Analytics & Reporting:** Developed robust reporting features, providing stakeholders with critical insights into product performance, sales trends, and other vital metrics.
- **Cross-functional Collaboration:** Collaborated extensively with sales, marketing, and supply chain teams, ensuring the platform's alignment with diverse departmental needs and workflows.

MakerPlace Project:

- **Platform Development:** Played a pivotal role in the development of the MakerPlace platform, a marketplace for artisans and crafters, which saw a user base growth of over 200% in its first year.
- **Feature Implementation:** Led the development of key features, including seller registration, product listing, and order management, enhancing platform usability and efficiency.
- **Security Enhancements:** Implemented JWT token key rotation for login authentication, transitioning from symmetric to asymmetric encryption, bolstering platform security.
- **Performance Optimization:** Identified and rectified slow database queries, optimizing MongoDB indexes, resulting in a 30% improvement in database query performance.
- **Collaboration & Training:** Worked closely with the infrastructure and QA teams, ensuring smooth feature deployments and platform updates. Conducted training sessions for junior developers, enhancing team productivity.

COMPANY: SAMSUNG MOBILE R&D CENTER - GUANGZHOU

May 2018 - June 2019 | Guangzhou, China

Software Engineer, Android Application

- Designed optimal Android applications meeting specific requirements.
- Implemented Android applications ensuring compatibility and functionality within the Android development environment.
- Addressed and resolved issues arising from the verification department or market, enhancing the quality of Android applications.
- Coordinated and scheduled meetings related to patent discussions.

- Participated in Samsung's software certification tests.

PROJECT EXPERIENCE

TASK MANAGEMENT SYSTEM

Java Backend Engineer | May 2024 – Present

- Designed and built a multi-module microservice system using Spring Boot 3.3 and Spring Cloud 2023.
- Implemented service registry (Eureka), gateway routing (Spring Cloud Gateway), user/task modules, and unified authentication.
- Integrated Redis (anti-cache penetration/breakdown), Feign + Resilience4j (circuit breaker), and OpenAPI via SpringDoc.
- Deployed using Docker Compose for MySQL & Redis; applied traceable logging with Logback + MDC.

ONLINE EDUCATION PLATFORM

Backend Developer | Jun 2020 - Nov 2020

- Built using Spring Boot + Spring Cloud + MyBatis; introduced Redis caching and RabbitMQ/Kafka messaging.
- Employed Docker for containerized deployment and Elasticsearch for search capability.

E-COMMERCE PLATFORM (ONLINE SHOPPING MALL)

Backend Developer | Nov 2019 – May 2020

- Built on Spring Cloud microservices architecture with MySQL, MongoDB, Redis, and FastDFS.
- Designed SKU/SPU data model, integrated SMS service via Alibaba Cloud, and developed API docs using Swagger.

SKILLS

TECHNICAL SKILLS

- Languages: Java, SQL, HTML/CSS, JavaScript, Vue.js, Python, C/C++, PHP, Clojure
- Frameworks: Spring Boot 3.3, Spring Cloud 2023, Spring Security, Spring Data JPA, MyBatis, OpenFeign, Resilience4j
- Databases: MySQL 8, MongoDB, Redis 7, Elasticsearch
- DevOps & Tools: Docker, Docker Compose, Nginx, Git, Maven, Linux Shell, Jenkins, GitLab CI/CD
- API & Docs: RESTful APIs, Swagger, SpringDoc OpenAPI
- Other: Eureka, Gateway, FastDFS, RabbitMQ, Kafka, JWT, OAuth2, Agile, Load Balancing, Circuit Breaking

LANGUAGE SKILLS

- Chinese (Mandarin, Cantonese): Native Proficiency
- English: Professional Working Proficiency

ADDITIONAL SKILLS

- Team Collaboration, Independent Work, Meeting Deadlines, Problem Solving, Leadership, Adaptability

HIGHLIGHT

- Built complex backend systems independently during unemployment to keep skills sharp
- International education experience and strong command of technical English
- High performance in Java assessments (IKM Java 8 score: 98/100, 97th percentile globally)

OTHER EXPERIENCE

ENGLISH TUTOR, PART-TIME

Guangzhou, China

2019 - 2020

- Delivered personalized English lessons, significantly enhancing students' language proficiency.
- Collaborated with students to pinpoint improvement areas, offering targeted exercises for comprehensive understanding.
- Regularly updated lesson plans, reflecting on student feedback and progress.
- Efficiently managed schedules to cater to multiple students concurrently.
- Supported students with English assignments, resulting in marked grade improvement.
- Offered insightful feedback to students, promoting their consistent linguistic growth.

GROUP MEDITATION PARTICIPANT

University of Minnesota Twin Cities, Minneapolis, MN, US

2014 - 2017

MATH TUTOR

University of Minnesota Crookston, Crookston, MN, US

Fall 2014

- Provided tutoring in college-level math, clarifying complex concepts and improving student comprehension.

CLEANER

Lee Academy, Lee, Maine, US

2014

- Maintained cleanliness of indoor areas and landscaped outdoor spaces, ensuring a conducive environment.

CROSS-COUNTRY RUNNER

Lee Academy, Lee, Maine, US

2012 - 2013

- Competed in cross-country races, demonstrating endurance and team spirit.
- Actively participated in group training sessions, enhancing physical fitness and teamwork.