

Haoran Sun

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Professional Summary

Skilled backend developer with over three years of experience developing scalable backend services and maintaining complex system architectures. Proficient in Java, Spring framework, and various cloud technologies. Proven track record of optimizing system performance and collaborating effectively with cross-functional teams. Open to learning new technologies and adapting to dynamic project requirements.

Professional Experience

Software Development Engineer | Meituan(Dianping app) | Shanghai, China 2021/05 - 2024/05

Campaign Management System for Review Incentives

- **Description:** Heavily involved in the end-to-end development, maintenance, and iteration of a backend system designed to configure, manage, and deploy review incentive campaigns.
- **Responsibilities:**
 - Actively contributed to the end-to-end development of the platform, including relational database design and robust system architecture based on Domain-Driven Design (DDD).
 - Engineered the system by focusing on extensibility in the configuration domain, reducing development costs, and supporting dynamic operational campaign features.
 - Ensured platform stability and supported high-concurrency scenarios using caching, thread pools, asynchronous processing, and rate-limiting techniques.
- **Tech Stack:** Java, Spring MVC, Redis, MySQL, MQ, REST APIs, RPC
- **Achievements:**
 - Completed system development and deployment on time, reducing the campaign launch cycle by over 60%.
 - Within the first quarter, supported over 30 campaigns, leading to a 20% increase in review counts.
 - Successfully maintained stable performance during peak periods, supporting over five campaigns simultaneously with traffic reaching several thousand QPS.

Free Trial Business Support System

- **Description:** Experienced core backend developer skilled in managing complex systems for consumer, merchant and operational roles. Work closely with cross-functional teams within a scrum framework.
- **Responsibilities:**
 - Wrote clean and efficient code with thorough comments and documentation and participated in technical planning and code reviews within the team, ensuring system reliability and security.
 - Collaborated across teams to design and implement robust backend solutions, ensuring successful feature delivery and supporting continuous business growth.
 - Led internal technical initiatives such as storage governance projects enhanced system stability.
- **Tech Stack:** Java, SpringBoot, Spring MVC, MySQL(Sharding), Redis, MQ, Distributed Task Scheduling
- **Achievements:**
 - Completed the storage governance project, optimized the use of Redis, eliminated the hidden dangers of large tables, reduced maintenance costs, and improved core API performance by 5%.
 - Delivered high-quality backend services swiftly during agile iterations, enhancing user experiences.

Skills

Programming Languages: Java, C++

Frameworks: Spring MVC, Spring Boot, Mybatis, Elasticsearch

Databases: MySQL, Hive, Redis

Testing: JUnit, Mockito

Others: Kafka, Git, Maven, Gradle, API design, System design, CI/CD

Education

Tongji University, Shanghai, China

2018/09 - 2021/03

M.Eng in Control Science and Engineering, GPA: 4.68/5.0

Shanghai University, Shanghai, China

2014/09 - 2018/07

Bachelor's in Automation, GPA: 3.69/4.0