

# Zongjie Wang (Jack)

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## SUMMARY

I am a senior software developer with 6 years of industry experience and am currently pursuing a Master's degree in Computer Science with a major in Advanced Computer Programming at Fairleigh Dickinson University and will graduate on July 27, 2024. Strong learning ability, proficient in backend development, microservice development, Java, Spring, SpringBoot, Linux/Shell, MySql database technology. Proficient in project management, planning, requirements gathering, QA testing, troubleshooting and computer engineering. Fluent in Mandarin and English and eligible to work legally in Canada.

## SKILLS

1. **Proficient Java Programming:** Thorough understanding of core Java concepts, object-oriented programming, multithreading, and exception handling.
2. **Spring Framework:** Mastery of the Spring framework, including Spring Core, Spring MVC, Spring Boot, etc., for enterprise application development and design.
3. **Database Management:** Familiarity with relational databases such as MySQL, Oracle, etc., capable of data modeling, SQL optimization, and database performance tuning.
4. **Distributed Systems:** Understanding of distributed systems principles and common technologies, including distributed caching, message queues, microservices architecture, etc.
5. **Linux/Shell:** Proficient in using the Linux operating system, capable of shell script writing, and system administration.
6. **Project Management and Team Collaboration:** Strong project management skills, able to devise project plans, allocate tasks, and collaborate effectively with team members.
7. **Continuous Learning and Self-improvement:** Maintaining sensitivity to new technologies, continuously learning and mastering new technologies and tools to stay competitive.

## EDUCATION

- **Master of Science in Computer Science (Advanced Programming Specialization)**  
Fairleigh Dickinson University, Canada  
May 2023 – Present (July 2024)
- **Bachelor of Science in Computer Science**  
Shandong University, China  
Sep 2012 - Jun 2016

## EXPERIENCE

**Senior Software Engineer**    BossZhipin Beijing, China    Sep 2018 – Oct 2022

### ■ Project: Word Recall

#### *Introduction:*

This project, integral to the BOSS direct hire recommendation business, focused on overseeing recall services throughout the recommendation process. As a seasoned Java engineer, my role involved implementing robust recall mechanisms and advanced recommendation algorithms to ensure superior candidate recall and recommendation to users. This initiative aimed at achieving seamless double-end matching, thereby elevating chat opening and success rates. Leveraging advanced technologies such as Kafka for real-time data processing and Spring framework for scalable application development, we optimized system performance and reliability. Additionally, incorporating Zookeeper for distributed coordination and MySQL for efficient data storage, we ensured seamless operation and management of the recommendation platform. This project underscores my proficiency in designing and implementing complex, high-performance systems while aligning with business objectives to drive user engagement and satisfaction.

#### *Technologies:*

Kafka, Zookeeper, Spring Framework, MyBatis, MySQL, Maven, Git, Shell

### ■ Project: ABTest

#### *Introduction:*

This project catered to the internal algorithm team at BOSS direct employment, leveraging the AB experimental platform to facilitate rapid iteration of algorithmic strategies. As a seasoned Java engineer, my responsibilities included orchestrating the seamless integration of various modules such as request sorting, policy configuration, data printing, log distribution, plug-in management, and effect statistics. This integration encompassed all stages of the recommendation process, enabling agile and effective algorithmic strategies. Utilizing advanced technologies such as Kafka for real-time data processing and Zookeeper for distributed coordination, we ensured robust support for the entire recommendation business. My role encompassed designing and implementing scalable, high-performance systems, aligning with business objectives to drive innovation and enhance user experience.

#### *Technologies:*

Kafka, Zookeeper, Spring Framework, MyBatis, MySQL, Maven, Git, Shell, Hive

■ **Project: Data Integration**

*Introduction:*

The Data Integration project stands as a primary initiative within the Suning Data Cloud system, dedicated to furnishing comprehensive data ETL services across the entire Suning industry chain. Employing a distributed architecture and multi-threaded collaboration, the system ensures stability, streamlined task configuration, and rapid data migration. The Data Integration project encompasses two distinct components: a web-based task management portal and a server responsible for executing data flow tasks. The web service facilitates task management, tracking, and operations, while the server orchestrates actual data interactions for data flow tasks. This setup enables efficient task management and seamless data exchange within the system.

*Supported Data Sources:*

RDB (Mysql, Oracle, Postgre, SQL Server, DB2, Mycat), FTP, Hive, Hbase, Hdfs, and Kafka.

*Responsibilities:*

- Server development
- Scheduling and schedule control
- Quality management

*Technologies:*

HIVE, Kafka, Zookeeper, Yarn, SpringMVC, MyBatis, MySQL, Maven, Git

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