
RENDA ZHANG

CONTACT

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PROFESSIONAL EXPERIENCE

COMPANY: MICHAELS (SHENZHEN) TECHNOLOGY SERVICES COMPANY LIMITED

Nov 2020 - Till Now

Software Development Engineer Backend, Michaels E-Commerce Platform

- Attend Meeting to discuss requirements with US team.
- Coordinate the communication among different development teams.
- Participate in the Design of Data Structure.
- Participate in the Software Development of Michaels E-Commerce Platform.
- Participate in the Design and Development for PLM system.
- Use React Native for the Frontend Development.
- Use Spring Boot for the Backend Development.

COMPANY: SAMSUNG MOBILE R&D CENTER - GUANGZHOU

May 2018 - June 2019

Software Engineer, Android Application

- Participate in designing optimal Android application that meets requirement.
- Implement Android application based on specification that effectively works on Android development environment.
- Participate in solving issues coming from verification department or market and improving quality of Android application.
- Schedule and coordinate meetings related to Patent.
- Participate in Samsung SW Certification test.

PROJECT EXPERIENCE

PROJECT NAME: ONLINE EDUCATION PLATFORM

Jun 2020 - Nov 2020

Java Backend Development

- Use Spring Boot and Spring Cloud as the Development Framework.
- Use Nginx as Reverse Proxy Tool.
- Use MySQL as the basic Database, with Druid as the Database Connection Pool.
- Use RabbitMQ as the Message Broker.
- Use Kafka as the high-performance data pipelines.
- Use Redis for Caching.
- Apply Elastic Search as the search Engine.
- Use FastDFS as the Image Server.
- Apply Vue to improve the Front-end Code.
- Use Docker to package applications into containers.
- Use Spring, SpringMVC, MyBatis to develop the Backend Management System.

PROJECT NAME: ONLINE SHOPPING MALL

Nov 2019 - May 2020

Java Backend Development

- Spring Boot and Spring Cloud Framework.
- Use Nginx as Reverse Proxy Tool.
- Use MySQL as the basic Database, with Hikari as the Database Connection Pool.
- Use Redis for Caching.
- Use MongoDB as the Document Database.
- Apply Elastic Search as the search Engine.
- Use FastDFS as the Image Server.
- Apply Vue to improve the Front-end Code.
- Use Swagger for API Documentation.

EDUCATION

BACHELOR OF COMPUTER SCIENCE

December 2017

College of Science and Engineering, University of Minnesota-Twin Cities

Minneapolis, MN

GPA: 3.79

SKILLS

COMPUTER SKILLS

- Programming Language: Java, HTML, CSS, JQuery, Bootstrap, JavaScript, Vue.js, C/C++, Python, PHP, Clojure, SQL
- Java Framework: Spring Framework, MyBatis, Android
- Development Tools: IntelliJ Idea, WebStorm, DataGrip, Postman, Nginx, Tomcat, Android Studio, Maven
- Operating System: Unix/Linux, Windows

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- Concepts, Protocols and Specifications: Agile Software Development, Distributed System, RESTful Style, HTTP protocol, TCP protocol, OAuth2 Protocol, OpenAPI Specification, JWT standard, Code Review Practices, Program Optimization

LANGUAGE SKILLS

- Chinese-Mandarin, Chinese-Cantonese, English as a Second Language

ADDITIONAL SKILLS

- Working in Teams, Working Independently, Working Under Pressure/Meeting Deadlines

EXPERIENCE

ENGLISH TUTOR, PART-TIME

Guangzhou, China

2019 - 2020

- Tutor Middle School English

MEDITATION

University of Minnesota Twin Cities

Minneapolis, MN, US

2014 - 2017

- Participate in Group Meditation

MATH TUTOR

University of Minnesota Crookston

Crookston, MN, US

Fall 2014

- Tutor College Math

CLEANER

Lee Academy

Lee, Maine, US

2014

- Clean floor and lawn

CROSS-COUNTRY RUNNER

Lee Academy

Lee, Maine, US

2012 - 2013

- Participate in Cross-Country Running Race
- Participate in Group Training of Cross Country