

Personal Resume

Name:	Chunya Sun	Gender:	Male
Native place:	Jiangsu Yancheng	Birth date:	December 25, 1990
Present address:	Hongkou Shanghai	Work: experience	Five years
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Job direction

Software engineer, Java developer

Personal Skills

JavaSE, JavaEE, SpringBoot, SpringCloud, MySQL, Javascript

Framework technologies

- 1.Master Core Java, understand the operation mechanism of JVM.
- 2.Experience in the thought of object-oriented and AOP to program.
- 3.Experience in Spring, SpringBoot framework to develop project.
- 4.Be familiar with micro services development framework, such as SpringCloud, Apollo.
- 5.Master the relevant skills of Java Web program, be familiar with HTTP proposal.
- 6.Skillfully write project technical document, project spike document and technical proposal.
- 7.Skillfully write unit test cases, integration test for program.
- 8.Master basic algorithms and data structure, such as Divide&Conquer, Red Black Tree, dynamic plan.
- 9.Experience in MySQL database, use SQL to query multi-table, design the structure and relationship of domains.
- 10.Experience in Maven, Git for teamwork development.
- 11.Be familiar with Linux, Docker platform to develop and deploy project.
- 12.Be good at communicating with other team and department.

Education experience

From September 3, 2010 to June 25, 2014 China University of Mining(211), bachelor's degree, four-year programme.

Work Experience

WeWork Software engineer 2018.04- 2019.12

department: Tech China Shanghai

Role purpose: 1.Independently complete the system analysis and design the detail of project.
Lead the program of project, ensure its schedule and quality.
2.Do Code Review for the team, ensure the effectiveness and correctness of relevant code, and provide some advice to improve its performance and security by code review.
3.Write spike document to research an new technology, and write detail technical proposal document.
4.Provide technical support for teammates, help them to commit the task on time and quality.
5.Maintain and upgrade existing products and system, quickly locate the existing defects of software and fix them.
6.Perfect the documents of existing functions and services, Such as Java Doc, add more unit test cases and integration test cases.

Docker Internet Technology **Software Engineer** 2017.04-2018.04

Department: Tech China Shanghai

Role purpose: 1.Participate in the review of a new project, be responsible for the development of the functional modules, components and utilities.
2.Design and program the core module and interface.
3.Research the resolution for the key technology of the project.
4.Assist other colleagues to take the overall development of project.
5.Participate in writing unit tests for the program, deploy project.

Shanghai

Tunnel Co.,Ltd Engineer 2014.06-2016.06

Department: Project Conduct China Shanghai & Hangzhou

Role purpose: 1.Participate in civil excavation of Zhizi Tunnel in Hangzhou.
2.Mainly responsible for the management of building work. Control the quality and schedule of the project.
3.Detect the ground water level of foundation pit timing, ensure the security of building work.

4. Check out each the quality of building process.

Cooperate with the command department and supervision department to do a good job of command and dispatching on the spot.

Personal projects

Coupon System of WeWork Go

Company: WeWork

Project description: In order to speed up the growth of the number of new members, we developed a coupon system for it, which can not only retain old members, but also attract new members to join. After the launch of this project, the growth of new members has increased from an average of 100 man a day to an average of 400 man a day.

Technology framework: SpringBoot, Spring Jpa, SpringMVC, MySQL, xxlJob

Project difficulties: 1. The classification of coupons, coupons need to combine according to the use scene, date, discount way, and there are a variety of combinations.
2. Coupons life cycle management, status update.

Action taken: 1. I participated in the discussion of the requirement of the coupon system, analysis the functions.
2. I did research of some implement of coupon system.
3. I wrote detailed technical proposal document. Independently complete the program and unit tests.

Project performance: 1. I used single instance and template inheritance technology to realize the classification and dispatching of many kinds of coupons, which is more convenient for operation management and maintenance.
2. I used polymorphism technology to implement the actions of coupon, reduce the coupling of code, make it easy to expand new kind of coupon.
3. I adopt job schedule technology to manage the life cycle of the coupon, ensure to update the state of all coupons in time.
4. After lunching this project, the growth of our new members increased from an average 100 man a day to 400 man a day.

Notification system of WeWork App

company: WeWork

description: After signing up for activities, members are often absent because of forgetting. In order improving the attendance rate of members participating in activities, we developed a notification system to remind them. This system increase the

attendance rate of member activities by 80 percent.

Technology

framework: SpringBoot, SpringCloud, RabbitMQ, JPush, xxlJob

Project difficulties: 1.The Global Tech team is in New Your, we need to overcome transnational and cross-time zone communication and cooperation.
2.The creation and registration of activities is in the Global system,while the notification system is in the domestic system, how to maintain the information consistency and real-time performance of the participants is a challenge.
3.How to ensure that the message reminder scheduling tasks will not be missing when the system restarts.
4.There is a long debugging link from activity creation-activity synchronization-activity update-member registration-activity notification-activity and involves more than 10 micro services.

Action taken: 1.Communicate with Global Tech team to understand the mechanism of creating and signing up its activity system, send email during the day and communicate in Slack Channel from 11:00 in the evening until next morning.
2.Design and document the process of notification system.
3.Organize team members to discuss the optional plan and analyze the feasibility.
4.Program code for the project.
5.Develop comprehensive test cases and conduct strict multi-round extreme test.

Project

performance: 1.Reach agreement with the Global Tech team, use the RabbitMQ to synchronize the activity information, including the creation, update and deletion, and ensure the accuracy and real-time of the notification.
2.Adopting the strategy of section debugging by split the debugging link, improve the development efficiency and the quality greatly.
After the project was launched, the system stability is 99.9%, and the attendance rate was improved by 80 percent.

Version management system of WeWork App

Company: WeWork

Project description: The Android APP need to manually upload the new version of the apk package and configure relevant information for each release. The operation is complicated, the security risk is high, and it is difficult to roll back the version when occurs a crash. We design a version management system to realize the automatic release and rolling back version in cooperation with the APP team.

Framework&

Technologies: SpringBoot, SpringCloud, CircleCI, AliCloud OSS, Vue.js

Project 1.How to be compatible with the version management of IOS APP and Android

Difficulties: APP.

2.How to maximize the reduction of manual operation and realize the automatic release.

3.How to rollback version fast and safely.

Action taken: 1.I organized discussion with APP team, and confirm the final demand.

2.I spiked the existing version management system, researched the feasibility of system upgrade.

3.I used Jira to manage tasks of the project, break down big task, estimated the story points.

4.I designed the core function and programmed the project.

5.Lead the project and track the progress.

Project 1.I adopted three-layer area structure: temporary storage area, version area,
performance: release area to build the version system, which solved the pain point of APP
version management perfectly.

2.The APP team can release the version of apk package just by one-click.

3.We can rollback the version of APP by one-click.It is convenient to switch any version of APP.

4.This system reduced the time of APP release by one person-day, and promoted the agile iteration.

Base middleware service

Company: WeWork

Project Provide SMS service, email service, short link conversion for other services of
description: the company.

Framework&Tec

hnologies: SpringBoot, SpringCloud, AliCloud mail, Submail, New Relic

Project difficulti 1.How to deal with sending domestic and international SMS.

es 2.How to protect the security of the mail server.

3.How to realize the retransmission if the fails to send.

4.How to guarantee the service high availability.

Action taken: 1.I investigated third-party SMS and mail service.

2.I wrote the service design document.

3.I make a lot of test.

4.I used an interface to realize domestic and international SMS send.

5.I used a combination of a black list and a white list to ensure the safety of mail

server.

6.I used New Relic to monitor the service performance.

Project 1.The project has launched online for one year, stable performance.
performance: 2.Provide SMS function, email function for 20 more business.

Mario Online Education Mall

Company: Docker Internet Technology

Project This is an online Chinese education system, mainly for foreigners around the
description: world to provide online Chinese teaching. Functional modules include teacher recommendation, online video class, examination system, order payment and so on.

Framework&Tec

hnologies: SpringBoot, SpringMVC, Vue.js, MyBatis

Action taken: 1.I was mainly responsible for the user personal module, favourite module, examination system.
2.I participated in the development of payment module, message module, mail module.
3.I used a dynamic numbering to achieve multiple groups of multi-picture upload management.
4.I used timer to realize monthly statistics of use evaluation data.
5.I developed picture cutting function to speed up the loading speed of client page.

Project 1.II improved my skills of teamwork and communication.
performance: 2.I learned to use new technologies to improve service response performance.

Anrong Project rating system.

Company: Docker Internet Technology

Project This is a workflow model project which used to rate financial projects. It
description: required as many as 13 roles fro privilege management and process mangement.

Framework&Tec

hnologies: SpringBoot, SpringMVC, JSP, MyBatis,Vue.js

Action taken: 1.I was responsible for the development of rating system module.
2.I programmed for the core module data management, provided components to upload and download.
3.I used AOP pattern to develop the log system for the whole operation.
4.I participated in the authority management, use Shiro to control privileges.

Project 1.I deeply understand the idea of Object-oriented authority management.
performance: 2.I learned the use of AOP program to reduce the coupling of code.
3.I committed the delivery of the project on time an quality.

Self evaluation

I My logical ability is strong. I can grasp the essence of the problem and put forward constructive suggestions for project development. I am also able to tackle key problems independently.

II My self-study ability is strong. I like studying. After arriving at the new company, I can master the company's internal framework and business model in a short time. And I can quickly master the required development technology, write components, maintain tool classes, interfaces. I can make a lot of contributions for team development.

III I have a cheerful disposition, strong sense of responsibility. I can take the initiative to work. I am good at communicating. I love outdoor hiking, mountain climbing, cycling and other activities.

Hobbies

Hiking, playing football, playing badminton, eating fruit, feeding cat。