



Ryan Luo

Java Developer

ADDRESS

TianFu New District
ChengDu 230022

TianFu New District, ChengDu 230022
 +86 13521025643
 luoxiaobatman@gmail.com
 21 February 1989

OBJECTIVE

Recognizable Software Engineer Skill, Recognizable Coding Skill, 9-Year Java Coding Experience.

EDUCATION

University of Science And Technology of China (September 2007 - August 2012)
Bachelors Statistics

SKILLS

Java Advanced	Design OOP UML Advanced
MicroService Registration-Center Config-Center Observability LB etc... Advanced	Middleware Mysql Redis Kafka ES etc... Advanced
Devops Shell K8S Istio Docker etc... Intermediate	Computer Linux Common-Protocols Common-Algorithm Intermediate
Language Js Python Bash Intermediate	

WORK EXPERIENCE

Sina Weibo, Chengdu R&D, Chengdu Software engineer	(August 2016 - Present)
Modan, ShenZhen Web Developer	(June 2015 - January 2016)
Yonyou NC EC Department, Beijing Java Developer	(May 2014 - June 2015)
Yonyou, Software Engineer Department Junior Java Developer	(September 2012 - May 2014)

PROJECTS

Oasis app (February 2019 - Present)

- About the app
 - Ins-like image-based content distribution software, users share and consume images on the app.
 - Users can interact with the content (refer to, comments, likes), and can interact with other users (mutual fans, private chats or through water drops (a currency of Oasis app))
 - Users can get water drops (a currency of the Oasis app) when using Oasis products.
 - Oasis and Weibo are connected, dynamic exchanges their contents.
 - The estimated carrying capacity of the project was 300K DAU, which was changed to 10M DAU at the initial stage of the official launch.
- Participate in the design and construction of the server architecture
 - Server version 1.0 app dau rises rapidly, and we went to microservice by splitting codes across departments and teams.
 - Server version 2.0 we adopt K8S, using it and its ecology to realize the platformization of logging, monitoring, and link tracking, and realizes convenient functions related to Devops.
- Duty of Analyzing, designing and coding
 - Responsible for main status publisher, main feed stream, user-defined data, intercommunication with Weibo and other related businesses.
 - Use UML tools to disassemble and refine requirements, produce sequence diagrams, state diagrams and object designs, etc., and then pull in the team to review and code based on this.
 - Object-oriented coding, striving for code readability, easy to expand, easy to scale
 - Write Junit unit tests, integration tests across teams/departments if possible, to ensure delivery quality.
- Technology stack
 - Springboot and its eco-system.
 - Internet middleware such as Mysql, Redis, Kafka, Elasticsearch, etc.
 - Docker containerization.
 - K8S service scaling, grayscale publishing, sidecar mode (istio) log collection, JVM performance and business monitoring, microservice link tracking.
- Achievement
 - Completed milestones such as 30K DAUs and 1M DAUs.
 - Eventual consistent design and coding experience for millions of daily active products.
 - Experience accumulated in microservices

Machine learning (April 2017 - February 2019)

- Responsible for three engineering projects
 - Weibo picture classification
 - Using the Tensorflow framework for training and classifying, and the images were tagged and sent to the Weibo app team for subsequent use.
 - Weather image classification
 - Train and classify weather pictures (cloudy, sunny, rainy, snow, etc.), tag the pictures and send them to the weather app team for subsequent use.
 - Similar music Recognition
 - Find the short video containing the music, tag it and send it to short video app team for subsequent use.
- Technology stack
 - Python scripting
 - Tensorflow
 - Springboot and its eco-system
 - Kafka, Redis, etc. as middleware for cross-departmental data transmission
- Achievement
 - Greatly reduce the workload of manual labeling operations.
 - Improve the user experience of the App and increase the user's usage time.

App supporting platform (August 2016 - April 2017)

- About the supporting platform
 - Management + Operation All apps approved by Chengdu R&D Center
 - Including 鲜城(2014-16) 随手拍(15-17) 爱动(17-19) 绿洲(19-now)
- Reconstruct the entire historical code of the supporting platform built during the years 14- 15.
 - Realize front and back end separation.
 - Using the Reactjs framework, introducing best practices.
- Technology stack
 - Springboot
 - Mysql, Redis, Docker
 - Nodejs, React, Redux, Ant Design, React Saga, Webpack
- Achievement
 - Refactoring the historical code to greatly improve the development efficiency of the team.
 - Implement and share new technologies to broaden the team's vision.

Modan gaming platform (June 2015 - January 2016)

- About Modan
 - Imitation ps, xbox. Based on Android operating system, the box is connected to the TV, and users play paid/free games on it.
 - The operation interface of the box is using web technology. It interacts with the server to realize the account system and pay-to-play process.
- Responsible for all UI interface
 - Gaming-Box side: account UI, store UI, feedback UI, social-related UI etc.
 - Management side: account UI, operator management UI, game player management UI etc.
- Technology stack
 - Nodejs, Expressjs
 - Reactjs, Ant Design, Webpack

NC Dealer Portal (May 2014 - June 2015)

- About the website
 - E-commerce website for large-scale procurement between enterprises.
- What I did
 - Code the Reseller Organization Relations section
 - Statistical sales and expenditures of dealers, generate reports
 - Introduction and sharing of new tools
- new tools
 - Investigate, share, realize Reactjs, abandon JSP technology, separate front and back ends, and reconstruct historical code.
 - Based on Reactjs, we made a set of UI internal components that simply satisfy the portal website.
 - Assign requirements to a 3-person team and review the code.
- Technology stack
 - SpringMVC Hibernate Struts Mysql
 - Reactjs
- Achievements
 - Separation of front-end and back-end to improve team efficiency.

Driving school app (March 2013 - May 2014)

- About the app
 - A tool for driving school to check attendance of students/instructors.
 - Based on attendance and student evaluation, form the basis for coach assessment.
 - Assist in managing the daily activities of the driving school
- What I did
 - Code the business of the student fingerprint management.
 - Code student management business.
 - Code student attendance, coach attendance business.
 - Code coach reward business.
 - Code the daily activities business of the driving school, and output the activity income and expenditure report.
- Technology stack
 - SpringMVC Hibernate Struts Mysql

Supermarket management platform (August 2012 - March 2013)

- About
 - Like erp system for supermarket
- What I did
 - Code merchant organization relationship business.
 - Code supermarket's staff organization business.
 - Code supermarket's daily activities, and report its income and expenditure.
 - Code supermarket financial income related code.
- Technology stack
 - SpringMVC Hibernate Struts Mysql

LANGUAGES

Mandarin	English
Native Tongue	Good

AWARDS

Outstanding Yonyou New Comer Yonyou	December 2014
Weibo innovation award Weibo	December 2017
Team of The Year Weibo	January 2020

CERTIFICATIONS

Diploma
USTC
July 2012

Bachelor's Degree
USTC
July 2012

HOBBIES

Engineer

Reading

Science

Soccer

DIY

Survival