



# Frontend Developer



## Information

- Name: Guibo Li
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- Gender: male
- Location: Beijing
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- Working years: 2 years
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## Education

- College: South China University of Technology(scut)
- Major: Information Engineering (Bachelor Degree)
- School Time: 2015.09 - 2019.06
- English Level: CET-4, CET-6



## Experience

### 1. Tusimple, Infrastructure, Frontend Developer, 2018.11 - now

- Nimbus(platform of frontend microservice)

Functions: integrates most enterprise frontend services; registers services in two ways: embedded or external; supports SSO; supports services communication and call

Features: framework independence(Vue, React, Angular all supported); services discovery; services isolation; services communication through message channel; public dependencies sharing

Contributions: as one of the two main developers; independent development of the version 1: supports service installs and uninstalls, services communication; participate in the design of services discovery, services isolation and public dependencies sharing

Technologies: frontend microservice, webpack, service worker

- Naive-Tracker(frontend service monitoring platform adapted to frontend microservice architecture)

Functions: generation, classification, reporting and storage of various types of logs; services monitoring, early warning and indicator analysis

Features: plugin architecture; adapts frontend microservice architecture; monitoring scope includes: error, warning, resource loading, api request, user behavior(click/page jump/form filling/viewport change), performance(white screen/first screen/animation/fps change); supports custom burying point, custom report payload

Contributions: project owner; sole developer; project research, design and development; frontend SDK and node backend development

Technologies: typescript, node.js, express.js, elasticsearch, prometheus, grafana

- Mojo frontend(machine learning model training platform)

Functions: dataset mangement; training task management; training model customization and template

Features: edit the training process by drawing the process; two-way synchronization of graphics editing and json data structure; training model can be templated to improve reusability

Contributions: project owner; development and maintenance

Technologies: vue, page state, g6.js

- Jarvis(automated operation and maintenance platform)

Functions: authority control; custom operation and maintenance operation; operation and maintenance task management; custom approval process

Features: customized form template; multiple permissions management(5 permissions); customized approval process; integrate faas, ansible and other services

Contributions: project owner; sole development

Technologies: vue, auth HOC

- Simcraft(autonomous driving simulation editor)

Functions: autopilot scene editing, simulation preview, storage, loading; simulation result display

Features: rich interaction; support for multiple environments (the Chinese and American environments have different functional characteristics); highly configurable; configuration files are deployed separately to achieve configuration hot update; multi-version switching; map data gridding, local cache

Contributions: one of the main developer; design and development of project configuration architecture and multi-environment support; webpack and babel update; refactoring and rewriting of

some modules

Technologies: mapbox, python, webpack, babel

## **2. Netease, Mail Division, Frontend Developer 2018.5 - 2018.10 (intern)**

- Refactor for email login page and exit page
- Daily development and maintenance of yingyangshi mails
- Development of operation event page

## **Skills**

### **1. Framework**

- Familiar with Vue technology stack: vue-router, vuex, vue-i18n and so on. Currently, the technology stack is mainly used.
- Master React technology stack: redux, redux-saga, react-router. There was about a year of React development experience.
- Familiar with node.js, with node.js and express.js development experience.

### **2. Frontend basics**

- css: familiar with common attributes and layout schemes of css
- javascript: familiar with es5 / es6 / es7
- typescript: have relevant project development experience
- webpack: familiar with principles and configuration
- babel: familiar with the principles and configuration

### **3. Other**

- Master common data structures and algorithms
- Master common design patterns
- Familiar with linux environment
- Have relevant experience with MySQL and MongoDB
- Can read Java and write python

### **4. Studying**

- OpenGL, WebGL, threejs
- Computer Graphics
- C++