

# Lucas Jiang

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## Objective:

Full Stack Developer with expertise in building scalable and efficient web applications.

Skills in JS, CSS, HTML, React, Redux, Next.js, Node.js, Express, Nestjs, TypeORM, MySQL, AWS, CI/CD, unit testing, and end-to-end testing.

Problem Solving

Performance Driven

## Skills:

- Frontend: React, React Hooks, Redux, Next.js, React Native, sass, tailwind, webpack
- Backend: Node.js, Express, Nestjs, TypeORM
- Database: MySQL
- Cloud: AWS (Amazon Web Services)
- DevOps: CI/CD, Git
- Testing: Unit Testing, End-to-End (E2E) Testing

## Experience:

### 1. Front-end engineer - interactivelabs, China,JiangSu,Suzhou - 03/2018 to present

- Start up project, research suitable library base on business needed.
- Worked with designers team closely to ensure 100% implement website page according UX/UI design.
- Developed back-end service with nestjs + typeorm according business logic.
- Deployed applications on AWS, implementing CI/CD for agile software development.

### 2. Front-end engineer - Mobius Vision, China,JiangSu,Suzhou - 06/2016 to 02/2018

- Developed website and integrated api with back-end team.
- Lead team and guide them accomplish customer requirements.
- Developed website base on UX/UI design.

## Education:

- Master in electronic - NTUST, Taiwan - 2010/07

## Projects:

### Fund investment target management - 05/2022 ~ present

- Maintain the project

- Develop new functions according to new requirements
- Code clean
- Optimal website performance issue.

#### **Real-time error monitoring and analysis tools - 06/2021 ~ 04/2022**

- Refactor website from jquery base to react base.
- complete react component unit test, and e2e testing.

#### **Cocoa supply and storage management system - 01/2021 ~ 06/2021**

- Developed website portal with wordpress.
- Developed manager dashboard with react.
- Developed back-end service with customer requirement.

#### **At-home medical exam app - 01/2019 ~ 12/2019**

- The react native app plays the video and allows the user to collect body samples (finger print) follow step according the video.
- And monitor whether the user's operations are correct in real time through Twilio.
- Use node express to build a backend database, mobile phone data and sampling results to a third party.
- Develop a web portal.
- Use aws codepipeline for continuous integration.
- Host to ecs and publish.

#### **Library document management system - 06/2018 ~ 12/2018**

- UI development and bug debugging
- react + rematch for state manager

#### **Restaurant backend management system - 06/2017 ~ 05/2018**

- Develop restaurant menu management system technology stack react, firebase

#### **BI visual dashboard - 06/2017 ~ 07/2017**

- For the front-end part, react is used as the technology stack, antd is used as the UI interface,
- dva is used as status management library
- Echart is used for chart display.
- express.js is used as the back-end architecture, mongodb is used as the database, and mongoose is used for operation database.

#### **Government monitoring system - 06/2017 ~ 07/2017**

- Based on the provided data, grid workers, sweepers, and related incidents are presented through Baidu map. Based on the provided real-time data and combined with Baidu Map API, a control technology stack that can be presented in real time and run in the map module is developed
- stack: jquery, Baidu map api

#### **Security network security dashboard system - 02/2017 ~ 04/2017**

- Reconstruct and beautify the screen of the customer own system based on the original system.
- write reusable components, and develop corresponding interactive logic.
- using lib: react, redux, router, echart

#### **Insurance Company Dashboard System - 08/2016 ~ 10/2016**

- Create a dashboard planning system technology stack that starts with database access and analysis: react, redux, react router, echart

#### **Wind turbine power plant monitoring system - 06/2016 ~ 10/2016**

- Responsible for writing the background data format. Responsible for the development of the entire project. Responsible for discussing business logic with customers and developing corresponding interactive technology stacks based on data: react, redux, echart, mock, 3dmodule, d3.js.

### **Languages:**

- Fluent in English