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
- 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

- Implemented and maintained scalable web applications using React and Node.js.
- Integrated Redux for state management and enhanced application performance.
- Utilized TypeORM to manage database interactions with MySQL.
- Deployed applications on AWS, implementing CI/CD.

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

- Developed and maintained backend services using Node.js and Express.
- Collaborated with frontend teams to implement reusable React components.
- leading team member to finish project.
- Managed version control using Git for collaborative development.

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
- Maintain and develop the database according to new requirements.
- Using react, koa, mysql, pm2.

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

- Refactor the existing web to react base.
- connect it to graphQL.
- complete the UI component test code, and e2e testing.

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

- using react ,react hook to develop dashboard page.
- develop wordpress web portal.
- nestjs + mysql development backend management system.
- aws cd/ci, server on ec2, s3 hosting web site projects.

Medicare body sampling app - 01/2019 ~ 12/2019

- The react native app plays the video and allows the user to collect body samples (finger prink) 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

<!-- References:

Available upon request.

Portfolio:

[Include a link to your portfolio or GitHub repository, if applicable] -->