

# Yushi ZHANG

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Portfolio: <https://yushi-zhang-it-work.herokuapp.com/>

Github: <https://github.com/yushizhang111>

## SUMMARY

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- Solid knowledge in react, redux, nodejs, mongodb.
- Sufficient experience in full stack and front-end development.
- Have experience using AWS S3 cloud platform
- Efficient team player, work in agile team.
- Have both patience, passion and positive attitude.
- Have obtained Master of Information Technology at University of Queensland

## Skills & Abilities

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### Front-end:

React.js, Redux, Redux-Saga, Vue.js, Angular, Html5, Pug(Jade), CSS3, Scss, Sass, Less, JavaScript, jQuery, TypeScript, C#,  
Webpack, ES6  
Bootstrap, Materialize, ElementUI, semantic-ui, Ant.design

### Back-end:

- Node.js, mongoosejs, MongoDB, RESTful API, expressjs, SQL, PHP, Laravel, MySQL, Koa, Entity Framework, KeystoneJS
- Mongo Compass, Postman, Swagger UI

### Machine learning:

- text mining, simple NLP methods (trigger terms)
- Spyder, Jupyter notebook, Matlab, Weka, TensorFlow

**Language:** JAVA, Python 2, Python 3, R

**UI/UX Design:** Figma, Sketch, Zeplin, Photoshop, Adobe Illustration

**SEO:** Moz, Google Insight, Pingdom

**Cloud platform:** heroku, AWS S3, EC2, MongoDB Atlas

**Project Management:**

- Agile, Scrum, Git
- Github, Jira, Bitbucket

**Other:** Google Map API, Leaflet, microservice

**Work Experience**

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**JR Academy**

*Full Stack developer*

2017.2-present

**Projects:**

1. *The official site: Full Stack* <https://jiangren.com.au>

Skills: React.js, Redux, Node.js, Pug(Jade), JavaScript, mongoosejs, Scss, KeystoneJs, Bootstrap, jQuery, RESTful API

Project Management: Jira, bitbucket

- Discuss with UI designer and Business Analyst to confirm the detail of the feature.
- Build pages to display the information of universities, tutors, activities, and courses.
- Build the course and events enrolment application for students and visitors.
- Responsive design: mobile friendly design, use flexbox
- Fix bugs and update information for the official website.
- SEO management by use Moz.

2. *The dashboard: Full Stack* <https://learn.jiangren.com.au>

Skills: React.js, Redux-Saga, Node.js, JavaScript, ES6, mongoosejs, Less, KeystoneJs, Bootstrap, pro.ant.design, RESTful API, dva, React Router, Ant design

Project Management: Jira, bitbucket

- Build the basic structure of the website.
- Manage the Navigation bar content.
- Build the Mentor List page, add search function and pagination for mentors.
- Build the Mentor detail page.
- Build the Service detail page.
- Add API for services.
- Responsive Design.

3. *JR People--Leave management: Full Stack; Team Leader*  
<http://jr-eleave.s3-website-ap-southeast-2.amazonaws.com>

Skills: React.js, Redux-Saga, Node.js, JavaScript, ES6, mongoosejs, Less, KeystoneJs, Bootstrap, pro.ant.design, RESTful API, dva, React Router, Ant design, AWS S3

Project Management: Trello, Github

- Build the server and database.
- Build the front-end basic structure.
- Build the leave management process.
- Responsive Design.
- Support the team members and manage the whole project.

4. *JR Talent: Responsive Design* <http://jrtalent.com.au/>

Skill: Bootstrap, Koa, webpack, nodejs, docker, responsive design

5. *eFlight: Responsive Design* <http://eflight.co/>

Skills: Vue.js, ElementUI, responsive web design

## **WIS-AN Technology Development Co., Ltd**

*Manager Assistant*

2016.9-2017.2

Tools: Adobe Illustration, Photoshop, InDesign, Adobe pr cc, Adobe Effect, CorelDRAW

- The company mainly focus on the medical apparatus with RFID technology.
- Modify working paper.
- Communicate with technicians and introduce the products to customers.
- Visit Hospitals to Investigate the medical environment.
- Public design for the company, e.g. brochures.

## Other Projects

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### Web Development:

#### ***Queensland Government Climate Change***

Scrum Master | Front-end developer

<https://paddle-qld-climate.herokuapp.com/>

Skills: Html, CSS, Javascript, Google Map API, Leaflet, D3.js, pdfmake

- Communicate with the client and confirm the requirement.
- Lead the scrum team and distribute tasks
- Build the front-end of the webpage.

### Machine Learning:

#### ***Checking pathology results in an emergency department: An IT solution to support patient safety and increase efficiency***

Researcher

Australian e-Health Research Centre, CSIRO

Skills: Text Mining

Language: Python

Tools: Spyder, Jupyter Notebook

- Improve the health records information system.
- Develop the information technology tool to help identify the requirement of result test follow-up.
- Used text mining based on “trigger” algorithm to extract the antibiotic-related words from discharge summaries.
- Did reconciliation with the pathology report.

**Note: The paper “A decision support system for pathology test result reviews in an emergency department to support patient safety and increase efficiency” was accepted as Full Paper & Student Paper of MedInfo 2019. (co-author)**

**Referees:**

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