Sean Lee

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Core Skills

- Front-End Languages: HTML5, CSS3, Sass, JavaScript (ES6+), TypeScript
- Front-End Frameworks: React.js, Redux, React Bootstrap
- Back-End Technologies: Node.js, Express, Koa, Java, Python, RestfulAPI, MongoDB
- Testing: Jest, Enzyme, TDD, BDD
- Tooling: Git, GitHub, NPM, Webpack, Babel, Firebase, AWS Lambda, Bitbucket, Jira

Experience

Front-end Developer (Sep 2018 – present)   JR Academy Ltd. Co, Sydney

- Work with the team to build performance, testable, maintainable code with Git, Eslint and Jest
- Work closely with back-end team to make a reusable, extendable and flexible contact
- Working as a Front End Developer on company and client products including the JR Academy official website (www.jiangren.com.au), the internal learning management system, restaurant booking system and human management system
- Working closely with the product team, designers and backend developers to develop new product features
- Maintaining existing product features and shared styles and functionalities
- Produce quality code with ESlint and unit tests
- Achieved 40% increase of website visits and managed to deliver client products on time
- Tech stack: HTML5, Sass, Pug, JavaScript, ES6+, React, Redux, Jest, Enzyme, Webpack, antd-react, node.js, Keystone, Git, Bitbucket, Jira

Software Engineer Assistant (Mar 2018 – Aug 2018)   eSMART 21 Ltd. Co, Adelaide

- Engage in the team having front-end, back-end and designers to maintain and test the software
- Working as a front-end developer and tester for the admin web platform, officer app and the MetroPark app (mobile app)
- Teach Stack: HTML5, CSS3, JavaSccipt, React, .Net, Microsoft Database

Software Engineer (May2017 – Nov 2018)   Xtronic Ltd.Co, Adelaide

- LED light configuration on the embedded system
- Design and maintain the electric circuit to maintain the function of smart LED lighting image
- Tech Stack: Linux, Ubuntu, C++, Verilog, Data Structure, FPGA, Ethernet, Neural Network, Arm-Cortex 8, Raspberry Pi

Laptop Repairman (Mar 2017 –May2018).   Fix Laptop Ltd.Co, Adelaide

- Repair computer, laptop and mobile phone and customer service

Projects

Shopping-cart App (front-end)

Github: https://github.com/lzs1121/shopping-mock.git

Tech Stack: Html, CSS,, React.js, redux, react-router, redux-thunk, redux-saga, dva, Umi.js, Axios API

- Full web layout including header, menu, footer and dropdown mune
- Have navigation routing to each page by configure router management
- Create Login form to input username and password with validation
- Report abnormal response by adding 404 page and interceptor

Pizza Order System (front-end)

Github: https://github.com/lzs1121/Pizza_Order_Panel.git

Tech Stack: Html, CSS, JavaScript, React.js, Webpack, eslint, Babel, Jest

- Use encapsulated class components to manage state and compose them to make complex UI
- Build various functional components to pass rich data and keep the state out of DOM
- Uni test the function with Jest

Pizza Order System API (back-end)

Github: https://github.com/lzs1121/Pizza_Order_API.git

Tech Stack: Node, TypeScript, ExpressJs, Docker, LoopBack, MongoDB, eslint

- Use the CRUD method to manage the data
- Create the models to set up the property of each type of data

MyReads: A Book Tracking App (front-end)

Github: https://github.com/lzs1121/MyReads.git

Tech Stack: Html, CSS, JavaScript, React.js, eslint, Babel, throttle-debounce

- Add Ajax requests to get all state in lifecycle and update the state
- Create multi-pages with different topics such as demonstration and search for items
- Add Route and Link with BrowserRouter to the clicked button to let users switch the page
- Build select-options components to move the item to different list depending on the users' need
- Use debounce method to limit the number of Ajax calls and return data as user types and clears the

Education

2014 – 2016	**The University of Adelaide**	Adelaide, South Australia
	Master of Engineering (Electronic Engineering)	
2010 – 2014	**Tianjin University of Technology**	Tianjin, China
	Bachelor of Engineering (Electronic Engineering)	