Robert Huo

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Visa Status: Permanent Resident
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Github: https://github.com/DAHUO-Melbourne

SUMMARY

- Skillful **Full Stack Developer** with experience of the clean code principle and coding standards.
- More than 3 years hands on developing experience on full stack web applications in Agile environment, Single page application, responsive page, RESTful api, Cloud Service, Test Driven Development etc to build **readable**, **reusable**, **testable**, and **maintainable** high quality code.
- Passion of new technologies which could improve performance, and apply them in a short time, with devising a systematic plan and routine working towards deliverable and successful outcomes.
- Actively listening, engaging and relating to delivery effective messages through verbal or written. Passionate about sharing my knowledge with others, do as a concise and effective team player in **Agile team**.

TECHNICAL SKILLS

- **Front-end :** HTML, CSS3, Javascript(ES6+), Sass/Less, Bootstrap4, React.js, Redux, Redux-thunk, Redux-saga, Styled-components, Typescript, React Router, jQuery, Ant Design, Wordpress, Responsive Web Deisgn, axios, Babel, webpack, Umi, Dva, Typescript
- **Back-end :** Node.js(Express), RESTful API, GraphQL, Keystone, Nodemailer
- **Database :** MySQL, MongoDB
- **Tools :** Git, Github, Bitbucket, NPM, YARN, JIRA, POSTMAN
- **Testing :** Jest
- **Cloud :** AWS(Amplify, Route 53), Heroku
- **Methodologies :** Agile, Waterfall, Trello, TDD

PROFESSIONAL EXPERIENCE

Nov 2019 – Now   **JRAcademy**   **Full Stack Developer**
Jiangren official website and **Jiangren Learning Dashboard**
https://jiangren.com.au/
https://learn.jiangren.com.au/user/login
http://uat-learn.jiangren.com.au.s3-website-ap-southeast-2.amazonaws.com/user/login

Ø Implemented a server-side rendered company website and an online learning dashboard used by students and mentors based on **MERN Stack(MongoDB, Express, ReactJS, Node.JS)**.

Ø Managed data flow from back-end to front-end, handled the data processing to make sure user could get useful data.

- ∅ Designed and inplemented the Dashboard based on Ant Design, including **responsive** and **scalable user interface**.
- ∅ Designed the homepage based on server-side rendering using pug.
- ∅ Implemented the dashboard by **ReactJS** and managed the state by **Redux-saga**, embraced technology trend such as hooks, **Javascript(ES6)**.
- ∅ Refactored existing code from **commonJS** to **ES6**.
- ∅ Frontend: Building the page based on the UI design, building all registration process system, and encapsulating all the commonly used components, Sign up for courses and sign contracts online. Get course materials from back-end and show up to the users. Manage the assignments creating, uploading and listing function. Listing students' submissions to the teacher. Manage the relevant course links listing, adding, editing and deleting.
- ∅ Backend: Designed **RESTful API** and documented API by swagger, Implemented double sided data binding, Manipulated **mongodb** database by using mongoose, Used middleware to pre-process data before saving into database, Designed data schema by using KeystoneJS and **Node.JS(express)**
- ∅ Bugfix: Fixed data flow and UI, Managed LocalStorage to store correct data, fixed responsive pages.
- ∅ Used **Git** and bitbucket for version control.
- ∅ Worked in an **Agile** team having 10 persons and used Jira to plan, track and manage the project .
- ∅ Participated daily stand-up meeting and sprint retrospective meeting.

Nov 2018 – Oct 2019   **Kinly Beauty**   **Wordpress Developer**
- ∅ As a part-time developer, maintained and designed existing website to a responsive and user-friendly website, developed a brand new website by using Wordpress.
- ∅ Renewed company information and relevant materials.
- ∅ Fixed css styles to meet the design pattern requirements.
- ∅ Implemented simple SEO managements.

Oct 2015 – Feb 2016   **IBM China**   **Software Engineer**
- ∅ Written in Java, Javascript, HTML, CSS , the project was developed for Coco Cola and P&G.
- ∅ Made unit test and black box test.
- ∅ Worked in an **Agile** team, Organized and communicated team agenda, prepared test plan and cases.

Selected Project Experience

- ∅ Developed open sourced projects based on **MERN** Stack(MongoDB, Express, React.js, Node.js).
- ∅ Implemented several demos to embrace current tech-trend such as **GraphQL, Hook**.
- ∅ The projects are deployed on PaaS solutions such as **AWS, Heroku**, **Netlify**

1. Weather App   (https://weather-inquire.netlify.com/)

• Has business project potential.
• Followed High cohesion & Low coupling principle to build a weather inquire APP including adding favourite cities function and **single sign-on application** by using **ReactJS** and **Redux-thunk**.
• Back-end written in **Node.js(express)**, deployed on Heroku, frontend deployed on Netlify.
• Friendly designed UI, which could be reused easily.

2. Warhammer Player Community (https://warhammer-community.netlify.com/)

• business project used for warhammer players social contact.
• Back-end implemented by **Node.js(Express)**, deployed on Heroku**,** used nodemailer to send contact forms to back-end.
• Friendly designed UI, which could be reused easily, written in **ReactJS**, **React Bootstrap**, **React-Router**.

3. Pizza-Online-order (https://pizza-online-order.netlify.com/)

Ø Business project used for online pizza order.

Ø Implemented input validations including email format, email confirmation functions By using **ReactJS**.

Ø Back-end deployed on Heroku**,** which sends user's info and pizza info to chef through email.

Ø simplified UI with input validators, which could keep users making valid input.

4. **Personal Blog**(https://www.devhuo.com/)

Ø Deployed on **AWS(Amplify & Route 53)**.

Ø Implemented user-friendly responsive pages and mobile devices pages by **ReactJS**, **React-Router**, and **Antd**.

Ø Embraced current tech-trend such as hooks, Sass

Ø Implemented language switched function.

5. **Everwell Medical Center Blog**(http://everwellmedical.com.au/)

Ø Maintained and updated a commercial project using wordpress.

Ø Refactored the existing page by implementing new designed patterns, added new user profiles and managed media.

Ø Fixed css features on both PC and mobile.

Ø Used **Php** and **MySQL** as back-end.

QUALIFICATION

03/2016 – 12/2017, University of Melbourne – Master of Information Technology

09/2011 – 07/2015, Jilin University – Bachelor of Computer Science and Technology