

Haoran Zhang

Software Developer

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Personal portfolio: <http://haoran.gobest.site>

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SUMMARY

- Currently working as a full-time **frontend developer** in Melbourne
- Developed commercial websites frontend with daily **5000+ visitors** based on Google analysis
- Improved commercial websites **SEO** to page 2 of Google searching
- Practical knowledge of web solutions with Angular v12, **React.js**, Redux, Ant design Pro v5, Angular Material, **Node.js**
- Efficient **Scrum** team player
- Love **multicultural** environment
- **Adaptable**, enthusiastic person with positive attitude

SKILLS

- **Frontend**: Angular v12, Angular Material, React.js, Hooks, Redux, Typescript 4.x, JavaScript, ES6, Ant design Pro v5, HTML5, CSS3, Sass, styled-components, ESLint Airbnb, TSLint, Responsive design, media queries, flexbox, Webpack, Babel, Mapbox, Google Map
- **Backend**: Node.js, Express.js, npm/yarn, JWT Token, crypto, morgan, dotenv, joi, moment, node-schedule, nodemailer
- **Testing**: JEST, Supertest
- **Cloud services**: AWS EC2, AWS S3, AWS Route 53, AWS certificate manager
- **Database**: PostgreSQL, MySQL, MongoDB
- **Architectures**: RESTful APIs, Microservices
- **Develops tools**: Jira, Trello, GitHub, GitLab, BitBucket, Postman, SourceTree, MongoDB Atlas, MongoDB Compass, VS code, Webstorm
- **DevOps**: CI/CD, Docker, Github Pipeline
- **Methodologies**: Agile, Scrum, Kanban

COMMERCIAL EXPERIENCE

YEPTECH SERVICES PTY LTD

Full-time Front-end Developer

Oct 2021 - Present

Melbourne

- <https://www.yephomes.com.au/home>
- Developed a daily 5000+ viewer commercial **real-estate** website to let client enjoy using **AR** model to find desired properties
- Developed 2 **CRM systems** to let agent manage clients and developer manage properties
- Focusing on frontend with Angular v12, Angular Material, Google AR model viewer
- Improved website keywords **SEO** to page 2 of Google searching
- Collaborated with UI designers through **Figma**, Project managers through **Jira**, Backend developer through **Swagger** API doc
- Implemented Unit testing and TDD with **JEST** and Supertest
- Utilized Postman, Github, VS code to aid development for Yeptech projects

AI ENGLISH PTY LTD

Casual Software Developer with 38 hours per week

Feb 2021 - Oct 2021

Melbourne

- Developed an **ERP system** (AI-System) to help operations schedule classes for teachers
- Focusing on full-stack development with **React** and **Node.js**
- Implemented AI-System UI with React.js, Ant design Pro v5, antd 4.x, umi, Typescript 4.x, TSLint, styled-components, moment
- Implemented **RESTful API** (AI-Server) as API gateway with Node.js, Express.js 4.x, Typescript 4.x, npm/yarn, node-schedule, JWT token, pg, nodemailer
- Implemented other RESTful API (Deputy-Server, XYlink-Server) as **Microservices** to fetch and manipulate data from Airtable API, Deputy API, XYlink API, Ikuai API into desired data structure
- Maintained inline annotated API documents with **apidoc**
- Implemented Unit testing with **JEST** and Supertest
- Implemented **PostgreSQL** database and deployed on CentOS
- Utilized Postman, Github, Jira, VS code to aid development for AI-System project

PROJECT EXPERIENCE

JR ACADEMY PTY LTD

Full-stack Developer

Aug 2021 - Oct 2021

Melbourne

- <https://jiangren.com.au/>

- Developed existing **RESTful API** and web application to turn it into a highly scalable SaaS offering as a full-stack developer in an agile team.
- Implemented RESTful API with **Node.js**, Express, MongoDB and Mongoose.
- Implemented JR Academy web application with **React.js**, JavaScript, Keystone V4, TSLint, HTML5, CSS, SASS, Pug and Responsive Design.
- Working with BA, UI/UX designers, Devops engineers and other developers in an **Agile** environment.

BEST TRAVELLER WEB APP

Jun 2021 - Aug 2021

Full-stack Developer

Melbourne

- <http://besttraveller.s3-website.us-east-2.amazonaws.com/>
- Designed and developed an **online booking travel platform** (Best traveller) to help clients with personalized trip routes, convenient trip booking as a full-stack developer in a Scrum team with BA and DevOps which had two weeks per Scrum and conducted daily stand up meeting, kick-off meeting every week
- Shared and contributed knowledge with teammates to resolve code issues especially merge conflict via **BitBucket** review teammate's code and give them constructive feedback to reach code best practice
- Worked with BA with **Zeplin**, **Figma** and implemented frontend with **React.js**, Redux, Hooks, JavaScript, ES6, ESLint Airbnb, Responsive design, Mapbox
- Implemented backend with **Node.js** Express.js 4.x, npm/yarn, JWT Token, crypto, morgan, dotenv, joi, mongoose, nodemailer
- Implemented Unit testing with **JEST** and Supertest
- Implemented **MongoDB** database
- Worked with DevOps and implemented **CICD** with **AWS** code pipeline and code deploy for backend and Bitbucket pipeline for frontend
- Deployed backend on AWS **EC2** and frontend on AWS **S3** Bucket using AWS **Route 53** to host the domain
- Utilized Postman, BitBucket, Jira, VS code to aid development for Best traveller project

MY WEATHER WEB APP

May 2021 - Jun 2021

Front-end Developer

Melbourne

- <https://zhang-haoran.github.io/myweather/>
- Designed and developed a **weather web application** to provide users daily weather data and weather forecasts in 7 days
- Implemented frontend with **React.js**, styled-components, flexbox, media queries, Responsive design
- Fetched and manipulated data from **OpenWeather API** into desired data structure
- Utilized Postman, Github, VS code to aid development

PERSONAL WEBSITE

Apr 2021 - May 2021

Full-stack Developer

Melbourne

- <http://haoran.gobest.site>
- Designed and developed **personal website** to introduce my resume, show development skills and write personal blog
- Implemented frontend with pure HTML5, CSS3, JavaScript, **ES6**, Flexbox, media queries, Responsive design
- Implemented backend with **Node.js**, Express.js and pg
- Implemented database with **PostgreSQL**
- Utilized Postman, Github, VS code to aid development

AYEMATE WEBSITE

Jun 2020 - Dec 2020

Front-end Developer

Melbourne

- <https://ayemate.gobest.site/>
- Designed and developed Ayemate website to help parents with children living Gippsland to improve mental health and find the nearest health service
- Implemented frontend with Wordpress, HTML5, CSS3, JavaScript, **ES6**, Google Map API
- Hosted domain name on **AWS Route 53**

INSTANT MARQUEE ERP SYSTEM

Jun 2018 - Feb 2019

Front-end Developer

Melbourne

- <https://www.gobest.site/JobManagementSystem/login>
- Designed and developed an **ERP system** to automate daily business such as staff management, inventory management as a full-stack developer in a team
- Shared and contributed knowledge with teammates to resolve code issues especially conflict via **GitLab** Implemented frontend with pure HTML5, CSS3, JavaScript, ES6, Bootstrap 3
- Implemented backend with **PHP5.6**, CakePHP MVC 3.x Implemented database with MySQL
- Utilized GitLab, Trello, WebStorm to aid development

EDUCATION

Monash University

Jul 2019 - Dec 2020

Master of Information Technology

Melbourne

Monash University

Jul 2016 - July 2019

Bachelor of Information Technology and Systems

Melbourne