**Haoran Zhang**

Software Developer

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Github: <https://github.com/Zhang-Haoran>

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**: CICD, Docker, Github Pipeline
* **Methodologies**: Agile, Scrum, Kanban

**COMMERCIAL EXPERIENCE**

**YEPTECH SERVICES PTY LTD** Oct 2021 - Present

Full-time Front-end Developer Melbourne

* <https://www.yephome.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** Feb 2021 – Oct 2021

Casual Software Developer with 38 hours per week 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** Aug 2021 – Oct 2021

Full-stack Developer 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 **PHP**5.6, 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