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
- Practical knowledge of web solutions with **Angular v12**, **React.js**, Redux, Ant design Pro v5, Angular Material, **Node.js**
- Efficient **Scrum** team player
- Great written and verbal communication skills in **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, TDD
- **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

EXPERIENCE

YEPTECH SERVICES PTY LTD   Oct 2021 - Present

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 as a frontend developer in a Scrum team of 12 with UI designer, BA, DevOps which had two week per Scrum and daily stand-up meeting, kick-off meeting every week
- Focusing on frontend with **Angular v12**, Angular Material, Google AR model viewer, Sass, RxJS
- Improved website keywords **SEO** to second page of Google searching
- Collaborated with UI designers through **Figma**, Project managers through **Jira**, Backend developer through **Swagger** API doc
- Implemented Unit testing with **JEST** and Supertest
- 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, Github, VS code to aid development for Yeptech projects

AI ENGLISH PTY LTD   Feb 2021 - Oct 2021

Software Developer   Melbourne

- Developed a highly reliable **ERP system** (AI-System) to automate daily business such as class scheduling, class monitoring, teacher's shift arrangement as 1 of 4 major **full-stack** developers in a Scrum team of 10 with BA and DevOps which had two weeks per Scrum and conducted daily stand-up meeting, kick-off meeting every two weeks as required
- 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

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