

ZHENHAO DONG

Full Stack Developer

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PROFILE

I am a proactive and self-motivated developer with full-stack developing experience. I have proven ability and experience from several projects with both React and Java. I look forward to embracing my next career challenge with my excellent time management skill, team player, advanced planning ability, and solid learning capability.

SKILLS



Front End:

JavaScript ES6/ES7/ES8, TypeScript, Next.js, Redux thunk, JQuery 3.x, Node.js, ReactJS, Moment.js, npm, yarn, Babel, TSLint, ESLint, Malihu Scrollbar, HTML5, CSS3, SASS/LESS, Bootstrap 3/4, Material Design Icons, Font Awesome Icons, Responsive Design

Back End:

Java Spring boot, Spring Security & JWT, Auth0, Lombok & Mapstruct, Gradle, Sockjs (websocket), Sendgrid (Email), Redis (Jedis), RabbitMQ (amqp), Swagger & Postman

Cloud Services:

AWS EC2

Database:

Flyway & PostgreSQL (JPA), MySQL

PROJECT EXPERIENCE

❖ **Full Stack Developer, Think More Forum** Oct 2021 — Apr 2022
Hobart

Link: <https://www.thinkmoreapp.com>

Project description:

This project aims to provide a platform where users can share their ideas, learn about others' ideas, and gain new inspirations. In the forum, users may get to know each other better because they have the same views on certain ideas, facilitating future discussions and sharing. Such communication will also drive the forum's atmosphere, allowing more people to join the discussion and bringing users closer to each other.

Key responsibility:

- Implement ThinkMore Forum Web application with **React, Next.js, Java, hooks, HTML5, CSS3, SASS, JS ES6, MUI, and Responsive Web Design.**
- Use **Redux, Redux-Thunk** to manage data flow, like login status and user details.
- Base on **PostgreSQL** to design a database table, for example, user and post table.
- Use Docker to build, test, and deploy the ThinkMore forum web application. Design RESTful APIs, use **RESTful APIs** to implement interactions between front-end and back-end, for example, create a new category API.
- Build up **Postman and Swagger** environment, test and debug all the RESTful APIs.
- Use **Java Spring Boot** with external library **Lombok, Flyway** to build the back-end of the project, for example, all the APIs.
- Use **Spring Security and JWT** Token to build up authorisation, authentication and other security features for the back-end.

- Set up SendGrid platform to build up to change category feature for manage categories.
- Apply **Axios** to send requests, like sending emails to users and managing roles.
- Build front-end components with **MUI** and customise CSS., like components of role management and image cropper.
- Display images, build up pages and implement the interaction between pages with Next.js, for example, the Search Bar and category manager page.
- **Host** Stand up meetings and Retro meetings.
- Fix bugs and improve coding style both at the front-end and back-end of the project.

❖ **Front End Developer, SOUTA** May 2021 — Sep 2021
Hobart

Project description:

This is a restaurant website, and people often tend to search for restaurants and eateries through search engines or food websites. A restaurant overview and pictures of dishes will help people understand the restaurant's information and dishes. Therefore, designing the SOUTA restaurant website helps to attract more customers.

Key responsibility:

- Implement ThinkMore Forum Web application with **React, HTML, CSS, SASS, JQuery**
- Design Homepage, Menu, customer footer Use google map API to get the location
- Apply **Axios** to send requests, like sending emails to users and sending request emails to managers to allow users to contact SOUTA.

INTERNSHIP

❖ **FULL STACK DEVELOPER, VTI** Nov 2020 — May 2021
Hobart

- Re-designed and developed existing **RESTful API** and web application and turned it into a highly scalable SaaS offering as one of 3 major full stack developers in a team of 10

Java RESTful API, JWT Token, Stripe.

- Implemented Gruntify web application with **Angular 6/7/8, TypeScript, JQuery, ESLint, Popper.js,**

Select2, Malihu Scrollbar, HTML5, CSS3, SASS, TypeScript, Bootstrap 4, Angular Powered Bootstrap 4/5 and Responsive Design

- Implemented and maintained the **CI/CD for REACT projects with npm, Node.js**
- Utilized Postman, InVision and interactive mockup to aid development, testing and documentation generation for REACT projects
- Designed and developed full REACT project from a simple prototype into a stable and scalable **RESTful API Service with SQLite, AWS S3, Google Cloud Storage.** The project turns successful and became a crucial part of

REACT with heavy daily usage

EDUCATION

❖ **Master of Information Communication Technology** Mar 2019 — Nov 2020
University of Tasmania Hobart

❖ **Bachelor of Business information system** Mar 2015 — Nov 2018
RMIT Melbourne

REFEREE

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Referee available upon request