

YATING SONG

Portfolio: <https://yatingsong7.github.io>

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Innovative front-end developer with over 1 year of hands-on experience in web and mobile development. Proficient in front-end design and development with a solid understanding of backend setup. Committed to delivering high-quality code and cutting-edge solutions. A collaborative team player who adapts to Agile environments.

WORK EXPERIENCE

Front-end Developer | JPS Health and Fitness, Melbourne

03/2022 – Current

- Web and mobile applications design, development and delivery
 - Translate Figma wireframes into high-quality code and create new features
 - Enhance user experience by providing learnable and error-tolerant functions and receive positive feedback from more than 300 users
 - Achieve 100% on-time delivery of critical version releases
- Code maintenance and optimization
 - Reduce repeated code more than 1000 lines by creating reusable React components
 - Reduce 30% of API calls by refactoring using Redux and React Context
 - Increase application performance by avoiding re-rendering and re-executing using React hooks
- Backend development assistance and team collaboration
 - Assist in building OOP backend, upgrading APIs by TypeScript and setting up 15+ new APIs
 - Collaborate with development team to perform bug fixing, code review and testing
 - Regularly push code to GitHub and manage project on Trello in Agile environment

PROJECTS EXPERIENCE

Task Management Project (<https://github.com/yatingsong7/Task-management-project>)

TypeScript, React, Material UI, NodeJS, MySQL, TypeORM

- A full-stack task management web-based application combining with auto-generated to-do lists, integrating task management tools such as Trello with to-do list apps
- Data communication from backend to database through TypeORM to achieve clean code

Online Shopping System (<https://github.com/yatingsong7/timone-garden>)

React, CSS, Firebase, Firestore

- A two-layer e-commerce web application with React front-end and Firestore data storage, aiming to practice Firebase Authentication APIs and establish a shopping website similar to Shopify
- User and cart information managed by React Context to avoid prop drilling

Web Widgets (<https://projects-practice.netlify.app>)

HTML, Advanced CSS and CSS animations, JavaScript

- 20+ reusable web components established by advanced CSS, such as grid, pseudo-classes and animations, and JavaScript event listener and DOM manipulation

SKILLS

- React & Native
- NodeJS
- UI/UX design
- Quick learning
- Teamwork
- HTML5
- TypeScript
- OOP
- Time management
- Communication
- CSS3
- SQL
- CI/CD
- Problem solving
- Project management in Agile
- JavaScript
- API
- Git

EDUCATION

Master of Information Technology

RMIT University

2020-2022

Highlights: GPA:3.5/4.0

As the project leader, led team to be the top one out of 15 groups in capstone course

The Complete 2022 Web Development Bootcamp

Udemy Online

TypeScript Complete Course - Beginner to Advanced

Udemy Online

References available upon request