

Yihan Zhou – Frontend Developer (React)

Melbourne VIC 3000 | Mobile: 0450 691 104 | Email: zhouzzhou0619@gmail.com
GitHub: <https://github.com/zhouzhou0619> | LinkedIn: <https://www.linkedin.com/in/yihanjojo/>

Summary

I'm a highly motivated Frontend developer with special interest in React.js, JavaScript, Java and Python. I'm proficient in handling technical problems using my experience in programming, databases, data structures and algorithms. I have experience in various front-end frameworks, allowing me to independently complete website application development. As part of my commitment to continuous improvement and professional development, I have been certified in React and Agile/Scrum.

GitHub: <https://github.com/zhouzhou0619>

Technical Stack

Front-End (Web) Development: React.js, Redux, MongoDB, JavaScript, TypeScript, HTML5, CSS3, Python, Java, Rest Framework, jQuery, Bootstrap

Backend Development: Django, Python, MySQL

Content Management: WordPress

Cloud Computing: Microsoft Azure, AWS, GCP

Development Tools & Platforms: GitHub, GitLab, Git

Business & Data Analysis: SQL, Python, R, Tableau, Axure, Xmind, MS Visio

Project Methodologies: Agile, Scrum

Certification and Education

Certified in Modern React with Redux, Udemy	Scrum Fundamental Certification (SFC)
Master of Information Technology, Monash University	Bachelor of Information and Computing Science, Northeast Electric Power University

Project Experience

Z&H Building – Web Developer (Causal)

Jan 2023 – Present

- Gathered high level requirements from stakeholders
- Created prototyping to elicit and verify detailed level requirements
- Produced flow chart in Microsoft Visio to demonstrate future-state business process
- Developed "Report Generation System" for the construction company, using Django + React. Main features:
 - ✓ Inspectors can use mobile device to fill in report-related information on the spot
 - ◆ Data Fields: Date, Address, Building Type (optional, customizable), Inspector, Checklist (optional, customisable), Stamp (default)
 - ✓ Generated reports are sorted chronologically, and company members can filter by date to view and modify the content of the report
 - ✓ Member reports can be downloaded by selecting parts of the checklist

Tech Stack: [React.js](#), [Redux](#), [Django](#), [MYSQL](#), [JavaScript ES6](#), [Python](#), [AWS EC2](#)

Various Projects – Web Developer (React)

Jan 2023 – Present

Project – Budget Tracking App

GitHub: <https://github.com/zhouzhou0619/budget-tracking-app>

- Designed, developed and implemented a React.js based Budget app, with rich interactive features

- ✓ Add/View/Edit/Delete Budgets
- ✓ Add/View/Edit/Delete Expenses
- ✓ Categorise Expenses (e.g., Food, Entertainment, Transport, etc)
- ✓ Budget Deficit (Red colour to indicate overspend)

Tech Stack: React.js, TypeScript, JavaScript, HTML, CSS, Bootstrap

Project – Advanced Shopping Cart

GitHub: <https://github.com/zhouzhou0619/react-ts-shopping-cart>

- Designed, developed and implemented an advanced Shopping Cart app, with React and TypeScript.
 - ✓ This Web page uses local storage to store shopping cart history to get the data updated and medicated globally.
 - ✓ Users can add and remove items they want on the store page, and these items want to be displayed on the shopping cart
 - ✓ Users can modify the items and quantity they want in the shopping cart and get a reminder of the final price
 - ✓ The user's shopping cart record will be stored for the next visit

Tech Stack: React.js, TypeScript, JavaScript, HTML, CSS

Project – Movies Recommendation App

GitHub: <https://github.com/zhouzhou0619/react-movies-app>

- Using React to design, develop and implement a movie presentation application that uses APIs to ensure that data is updated in real time
- Users are able to view:
 - ✓ Movie posters / Overviews / Ratings /
- Users are able to find movies based on keywords search

Tech Stack: React.js, JavaScript, HTML, CSS

Project – Online To-Do List

GitHub: <https://github.com/zhouzhou0619/react-to-do-list-application>

- Designed, developed and implemented a React.js based To-do List app to keep track of the things
- Main components:
 - To-do – for a single item on the to-do list
 - To-do-List – the whole list of to-do items (using the To-do component).
 - ◆ Add new to-do items, or delete one or all items
 - ◆ Set the to-do item as "urgent" – the app will automatically queue all "urgent" items to the top of the queue and mark them with an alarm clock sign
 - ◆ Filter the to-do list by "completion" or "urgency"
 - ◆ Use keywords to search for specific items
- **Tech Stack:** React.js, JavaScript, HTML, CSS

Beekeepers Website Project – Web Developer (Internship)

Jul 2022 – Dec 2022

Product Demo Video: https://drive.google.com/file/d/1ghzuVwuud_0dIFZ7avsPIDS6yBWsoN1K/view?pli=1

Project: https://drive.google.com/drive/folders/1TWd1mF7pXS_ZNq1ox6A4QvTNdZBubjvF?usp=sharing

- Build the website's frontend via WordPress
- Incorporated responsive design for optimal user experience
- Designed and integrated databases to manage beekeepers' information and appointment data

- Hosted website on AWS server to ensure high availability, scalability and secure data storage
- Implemented version control practices to track changes and manage codebase efficiently
- Optimised user experience by minimising loading time
- Monitored user feedback and addressed any technical issues.

Tech Stack: AWS (EC2), Linux, WordPress, MySQL, SSL certificate encryption, HTML, CSS, R, PHP, phpMyAdmin, Tableau, Open Data API (Australia Weather API)

Various Projects – Web Developer (React)

Mar 2022 – Jul 2022

Project – *Book List*

GitHub: <https://github.com/zhouzhou0619/React-create-BookList-V3->

- Designed, developed and implemented a Book List app, with React and TypeScript.
 - ✓ Users can view book list
 - ✓ Users can add books and related contents, delete created books, modify book titles & other contents

Tech Stack: React.js, TypeScript, JavaScript, HTML, CSS

Project – *Interactive Search Bar*

GitHub: <https://github.com/zhouzhou0619/Using-React-to-make-a-search-bar>

- Using React to design, develop and implement a search bar to search for anything users want to see
 - ✓ Users can search for desired key words via searching bar (e.g., for key word “car”, the webpage will display images of cars)

Tech Stack: React.js, JavaScript, HTML, CSS

Project – *Interactive Animal Widget*

GitHub: <https://github.com/zhouzhou0619/Animal-interactive-widget>

- Using React to design, develop and implement an interactive animal widget
 - ✓ Once users click on the interactive button, a corresponding magic effect will be produced

Tech Stack: React.js, JavaScript, HTML, CSS

JOYY– Product Manager (Internship)

Nov 2021 – Feb 2022

- Planned and designed customer service functions, enabling seamless customer experience
- Optimised channel deployment system, enhancing configuration, monitoring and analysis capabilities
- Streamlined customer service processes, leveraging AI technologies
- Produced product support documentations

Tech Stack: MySQL

Achievement: Improved customer satisfaction by reducing complaint escalation by over 30%

Clinic Appointment App – Web Developer

Jul 2021 – Nov 2021

- Developed web application by React and Java Script to address challenges in making GP appointments
- Analysed and documented requirements for patient registration, appointment management, clinic administration and doctor scheduling modules
- Developed high-fidelity prototypes using Axure, with business canvas and functional structure diagrams
- Created automation plug-in by Python to push data to the sales mailbox on daily basis

Tech Stack: React.js, JavaScript, HTML, CSS, Python, Django

Referees will be provided upon request.