

"Quality is never an accident; it is always the result of intelligent effort." – John Ruskin.

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4 months of independent front-end development experience, familiar with usage of React and TypeScript. With a well-developed programming mind and skills, I am now looking for a Front-end development job to apply the knowledge and help the team which I am about to join as much as possible with all my abilities. I can bring the team a candidate who can fit in quickly and improve the quality of developer output.

Objective

Will be modified according to different positions and companies

TECHNICAL SKILLS

- React
- TypeScript
- Next.js
- Axios
- Wordpress
- HTML+CSS+JavaScript
- GitHub
- Agile software development

PROFESSIONAL EXPERIENCE

Web Developer

Mar 2022 - Current

Independently, Clayton, VIC

Situation:

I planed to develop a course management system. The system will meet the needs of students to select and delete courses, teachers to create new courses and edit existing ones, and administrators to manage the information of all entities in the system (students, teachers, courses).

Task:

As it is an independently project, my task was to achieve all the functions I mentioned before. In addition to the functional aspects, the layout design of the page appearance was also a task I had to accomplish.

Action:

- Use Next.js as React framework

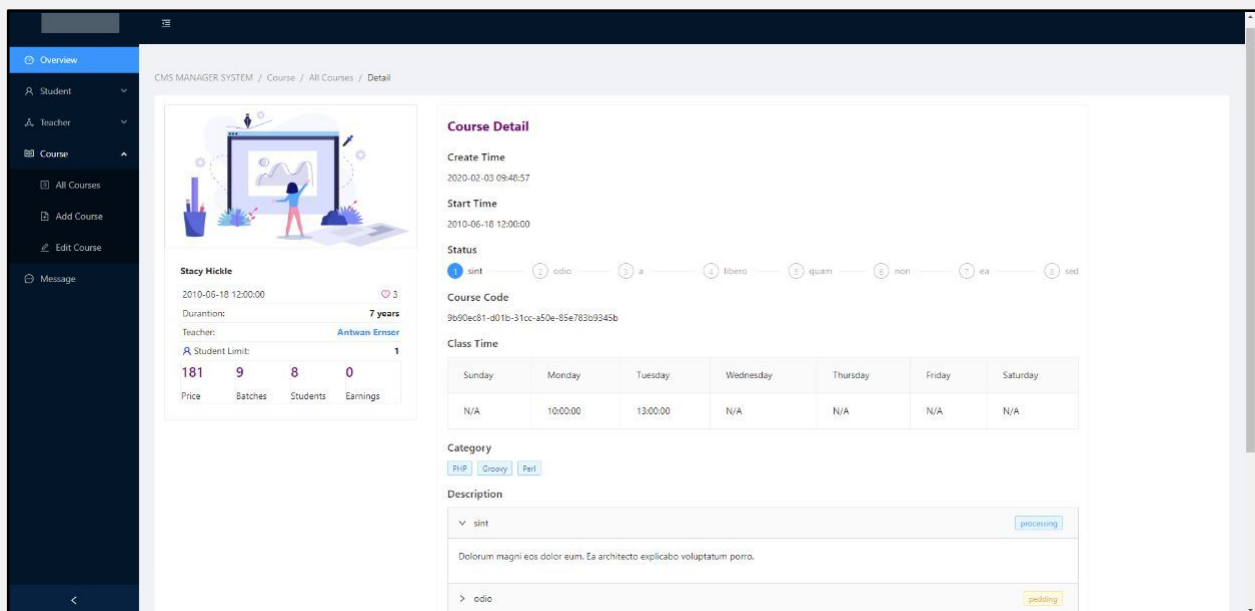
- Use Antd as UI library
- Apply typescript to project to reduce frequency of type errors.
- Use axios to fetch data from back-end.
- Render data to the proper pages and sections.
- Version control with GitHub.

Result:

Basically, I have built all the managers web pages with their own function and achieved what I expected before the development such as adding, deleting and searching three entities. By doing this exercise, I have mastered the basic usage of React, for example the JSX syntax, React hook and so on. In addition to this, I have consolidated my knowledge about HTML and CSS throughout the process.

Screen Shot:

Fig. Course Detail Page



Web Developer

Mar 2021 – Oct 2021

Monash University IE Unit, Clayton, VIC

Situation:

The IE Unit requires students from different majors to work in groups to develop a project. The project can be a web application or a mobile application. As the developer in the team, I was responsible for the prototyping of the web pages as well as the development of the actual pages style and function. Our team decided to develop a website which can raise awareness of sun protection and protect yourself from UV damage.

Task:

Firstly, we need to learn to work as a team, for example how to cooperate, how to divide the work, how to communicate and how to resolve conflicts. As an IT student in the group, my tasks include design the appearance of all pages and develop all pages. Our pages had two main functions which I have achieved, first was to show useful information about UV, the other was to give suggestions based on the UV of users' location.

Action:

- Use Mockup to draw prototype of the website
- Choose Wordpress as development platform
- Write HTML; CSS; JavaScript code and other related method to develop practical pages
- Select and introduce appropriate external libraries to implement page functions. In detail, our website mainly needs two external API, one is OpneUV to get the real time UV index based on the user location information. The other is Google Places API to transfer location information to longitude and latitude.
- Design UI for the web pages

Result:

From the perspective of the website, I finished developing all the expected pages, reviewed the knowledge of HTML,CSS and Javascript and also learned how to call the external API service.

From the perspective of teamwork, I learned how to work as a team, how to communicate with teammates, how to cooperate with people from different majors and how to show enough respect to others.

VOLUNTEER EXPERIENCE

Computer Volunteer Service Team

Nov 2015 – Jul 2016

Northwest A&F University China

The Computer Volunteers is an organization that spends its time after school solving computer related problems for students. I joined this organization to use my knowledge for the benefit of my fellow students and to develop my social skills. I am mainly responsible for the installation of operating systems, routine maintenance of computer hardware and software, and simple hardware maintenance. Through this time of volunteering, I have practiced how to communicate with all kinds of people and improved my teamwork skills.

EDUCATION

Master of Information Technology

Mar 2020 – Oct 2021

*Monash University***Bachelor of Software Engineering**

Sep 2015 – Jul 2019

Northwest A&F University