Xihao Zhu

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Summary

   Solid base in HTML, CSS, and JavaScript with hands-on experience in TypeScript, PHP, and MySQL. Have experience in WordPress theme development and am able to use both Vue.js (Vue2 and Vue3), React.js and next.js frameworks. Familiar with version control using Git. Capable of independently or collaboratively completing web development projects, from 3D modelling and rendering to Photoshop editing, ensuring a seamless integration with web development tasks.

   I consider myself to be a highly adaptable and self-disciplined individual. All of my frontend skills have been driven by my own interests and acquired through self-study. Currently, in my spare time, I am reviewing previous knowledge while also self-learning more skills in front end field. Though not yet having had the opportunity to enter the frontend industry, I am committed to continuous learning and actively seeking opportunities to do so.

Skills

Language: Mandarin native speaker, English - IELTS 7.5

From Education	Self-taught
MATLAB	Front-End Development
3Dexperience	SOLIDWORK
ANSYS WORKBENCH	Photoshop
LABVIEW	Blender

Front-End Development:

Learnt and rich in practice	HTML, CSS, JS, Git, NodeJS (npm and pnpm, for front end develop)
Learnt and practiced	Vue2, Vue3, Pinia React, Redux WordPress theme development (fundamental) PHP (fundamental)
Learnt but lack of practice	TS (fundamental) MYSQL (fundamental) PostgreSQL(fundamental)

Projects

Nick in sea: https://nick-in-sea.netlify.app

Skills involved: HTML, CSS, JS, Vue3, Pinia, Google map API, Git, node.js, blender, Photoshop.

   My second personal project, a simple webpage for self-introduction and showcasing skills.

Know Nick: https://know-nick.netlify.app/

Skills involved: HTML, CSS, JS, React, Git, blender, node.js, Photoshop. (Redux was not used as not many data communications were needed.)

   My first personal project, appearance design not so mature, but shows more details about my skills in front end field.

A simple local WordPress theme: https://github.com/XihaoZhu/A-Simple-WP-practice-Theme

Skills involved: HTML, CSS, JS, PHP, WordPress develop framework.

   Just a simple project demonstrating my study in WordPress theme development.

Education

University of Nottingham, Ningbo	2018.09 - 2022.07

Bachelor of Engineering: Aerospace Engineering

University of Manchester	2022.09 - 2023.12

Master of Science: Aerospace Engineering

Work history

SanTi Smart Wearing Company, Ningbo, China	2021.07 - 2021.08

Main role: Operating a newly developed machine and communicating with the remote engineering team to fine-tune it. Additionally, I designed and built a pair of high-arch models and a pair of flat-foot models to help verify the function of the respective machine, which was designed for scanning human feet, quickly generating models and analysing the relative data.

Part time jobs: Telemarketer, barber assistant. (China)   waiter. (UK)