

Xihao Zhu (Nick)

Email: Xihao.zhu@outlook.com

Phone: 07536245732

Summary

Solid base in HTML, CSS, and JavaScript with hands-on experience in Tailwind, TypeScript, PHP, and MySQL and PostgreSQL. Have experience in WordPress theme development and built projects using 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. 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

MATLAB

3Dexperience

ANSYS WORKBENCH

LABVIEW

Self-taught

Front-End Development

SOLIDWORK

Photoshop

Blender

Front-End Development:

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

Projects

Nick and his fake book borrow system: <https://fake-book-borrow.vercel.app/profile/skills>

Skills involved: HTML, CSS, Tailwind, JS, TS, Next.js, Git, node.js, PostgreSQL...

My third personal project and first full stack project.

Built with Next.js with TypeScript and Tailwind for all basic CSS.

Back End uses PostgreSQL and database deployed on vercel. You can do actions include register, log in, borrow book, leave comments. (Please return the book after you borrow from there.)

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.

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

Education

University of Nottingham, Ningbo	2018.09 - 2022.07
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Bachelor of Engineering: Aerospace Engineering	
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University of Manchester	2022.09 - 2023.12
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Master of Science: Aerospace Engineering	
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Work history

SanTi Smart Wearing Company, Ningbo, China	2021.07 - 2021.08
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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)
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