Xianzhe(Scott) Zhang
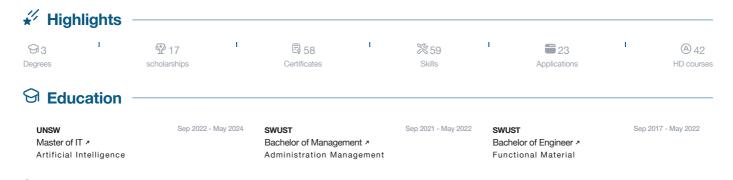
Front-end Developer | +61 434344292 | xianzhe.site@gmail.com | xianzhe.site | in xianzhe1110

Summary

Passionate front-end developer with over 2 years of development experience and 7 years of design experience, specializing in JavaScript, Tailwind, and Framer Motion. Proven expertise in front-end development, proficient in creating great user experiences, and adept at improving user interaction and satisfaction. Experienced in designing and deploying beautiful, reliable, and fluid software systems. (More details at https://xianzhe.site).

Highlights

3	17	58	59	23	42
Degrees	scholarships	Certificates	Skills	Applications	HD courses

Education

UNSW	Sep 2022 - May 2024	SWUST	Sep 2021 - May 2022	SWUST	Sep 2017 - May 2022
Master of IT ↗		Bachelor of Management ↗		Bachelor of Engineer ↗	
Artificial Intelligence		Administration Management		Functional Material	

Projects

Neo4j iGrapher (Graphical data code-zero analysis tool) ↗   Feb 2024 - May 2024

Skill: Neo4j, JavaScript, React, D3, Tailwind, Framer Motion, Chrome DevTools, Figma
Contribution:

▸ **Interface and Interaction Design :**
Individually designed and implemented 2 complex interfaces, 5 medium inferfaces and over 20 interaction logics, using Figma to enhance design efficiency by 30%, ensuring intuitive and smooth user experiences.

▸ **Data Visualization Component Development :**
Developed 25 fully customized React and D3.js data visualization components from scratch, enabling real-time graphical representation of complex data relationships.

▸ **Animation and Visual Effects Design :**
Individually Designed and implemented over 40 UI animations and visual effects using Framer Motion and other animation libraries, boosting user interaction satisfaction by 80% and enhancing visual appeal. Optimized animation performance by 30% using Google performance analysis tools.

▸ **Frontend-Backend Integration :**
Led frontend operations, successfully conducted over 10 large-scale data integration tests with backend services, ensuring 99% system stability and data accuracy.

Personal website (Portfolio) ↗   Oct 2023 - Now

Skill: Neo4j, JavaScript, React, Tailwind, Framer Motion, Chrome DevTools, Photoshop
Contribution:

▸ **User Interface and Interactive Animation Design :**
Designed and implemented visually appealing user interfaces and over 40 interactive animations using Framer Motion and other animation libraries. Used Google Performance Analytics to optimize performance and improve site performance by 50% animation. Improved user experience and satisfaction through intuitive and engaging animations.

▸ **Web Development :**
Developed entire websites from scratch using JavaScript, React, Tailwind, and more. Created 36 adaptive components for data visualization in React, adapted to both desktop, mobile, and tablet to better showcase individuals.

▸ **Server Deployment :**
Deployed the website to a server with domain mapping set up to ensure high availability and accessibility. Regularly maintained the web pages with missing elements and fixed unanticipated bugs on a regular basis.

Skill

Management	☆ Jira、☆ SWOT、☆ PEST、☆ Boston Matrix、Gantt Chart、Organizational Behavioral Analysis、strategic management
Front-end	HTML、CSS、☆ JavaScript、☆ React、Redux、☆ Tailwind、☆ Framer、Main UI、Animation libs
Back-end	MySQL、☆ PostgreSQL、☆ NodeJS、☆ Json、TablePlus
Database	MySQL、☆ PostgreSQL、Tableau、☆ Python、Neo4j、Pandas
AI-Algorithm	Machine Learning、☆ Deep Learning、Natural Language、☆ Recommender System
IT-Tool	☆ Github、☆ SSH、Docker、☆ Zsh、Vim
Text	☆ Markdown、LaTeX、☆ Word、☆ Pages、HTML
Slides	☆ PowerPoint、☆ Keynotes、Google Slides
Video	☆ Final Cut Pro、Premiere、After Effects、☆ DaVinci、iMovie、☆ JianYing
Graph	☆ Photoshop、☆ Lightroom、Illustrator、☆ InDesign、XD、3D Max、☆ Sharp 3D
Language	English、☆ Chinese、☆ SiChuan Dialect
Music	Guitar、☆ Piano

Why Me

Learning Ability	Leadership	Communication Skills	Problem Solving	Aesthetic Attitude	Emotional Stability