

Scott Cheung

Front-end Developer | +61 434344292 | xianzhe.site@gmail.com | xianzhe.site | scottcheung1110 | Check for Updates

Summary

A **highly skilled** and **result-driven** front-end developer with over **two years** of development experience and **seven years** of design experience. Proficient in **HTML**, **CSS**, **JavaScript**, **TypeScript**, **Next.js**, **React**, **Redux**, **Tailwind**, and **Framer Motion**, having developed multiple efficient and maintainable front-end projects. Deeply experienced in **UI/UX design**, applying **Apple's** and **Google's** design **aesthetics** to various projects. Specializes in creating product interfaces that align with **brand identity** while **improving user experience** and **engagement**. Holds a Master's degree in IT from **UNSW**, focusing on **front-end development** and **AI** technologies. Visa-independent with a **five-year visa**. For more information, please visit <https://xianzhe.site>.

Highlights

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Degree

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Scholarship

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Certificates

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HD Courses

Skills

Front-end

Back-end

Database

AI Algorithms

IT Tools

HTML | CSS | JavaScript | TypeScript | Next.js | React | Redux | Tailwind | Framer | Photoshop | RESTful APIs | UI/UX Design

NodeJS | XML | JSON | Postman | RESTful API | Docker | GraphQL | AWS | CI/CD

MySQL | PostgreSQL | Tableau | SQLite | PowerBI | Python | Neo4j | Pandas

Machine Learning | Deep Learning | Natural Language Processing | Recommendation Systems

Github | SSH | Docker | Zsh | Vim | Jira | Postman

Education

UNSW

September 2022 - May 2024

Master of IT

Artificial Intelligence

SWUST

September 2021 - May 2022

Bachelor of Management

Business Administration

SWUST

September 2017 - May 2022

Bachelor of Engineering

Functional Materials

Work Experience

Gobell Group | Sydney | Front-end Developer

May 2024 - Present

Description: Developed a membership management system for Gobell from scratch, including features like member login, registration, orders, products, payment processing, deposits, and credential verification.

Skill: HTML | CSS | TypeScript | React | Next.js | Tailwind | Framer Motion | Redux | i18n | Figma | AWS Cloud | jsBarcode | QRcode

Contribution:

- Independently responsible for visual design LinkLed the visual design for the membership project using Figma and Photoshop, covering UI/UX for the Gobell client, promotional flyers, brochures, pull-up banners, and three membership cards. Also coordinated card production processes.
- Authored Front-end Guidelines LinkCreated the front-end UI guidelines and development documentation, including global color schemes, font guidelines, border-radius standards, and spacing rules. Improved maintainability, code scalability, and reduced team communication costs.
- Front-end Architecture & Component Development LinkBuilt the front-end architecture and components for the Gobell membership system using TypeScript, React, and Next.js. Designed and implemented over 50 custom components, following SOLID principles and best practices. Integrated Redux for efficient state management.
- Developed UI Animations LinkCustomized over 30 animations for the components using Framer Motion and CSS Animation to enhance user experience, including error, loading indicators, scaling effects, and transitions. Significantly improved user feedback and interface appeal.

Projects

Neo4j iGrapher (Zero-Code Graphical Data Analysis Tool) LinkWeb Development

February 2024 - May 2024

Description: A web tool using Neo4j, React, and D3.js to provide zero-code analysis and complex data relationship visualization.

Skill: HTML | CSS | Neo4j | JavaScript | React | D3 | Tailwind | Framer Motion | Google Chrome Developer Tools | Figma | Tencent Cloud | Docker

Contribution:

- UI/UX DesignIndependently designed and implemented 3 complex interfaces, 5 medium-complexity interfaces, and over 20 interaction logics, optimized using Figma and Photoshop to ensure an intuitive and smooth user experience.
- Web Component DevelopmentDeveloped 25 fully custom React and 3.js data visualization components using HTML, CSS, JavaScript, Tailwind, and Framer Motion to graphically represent complex data relationships in real-time.
- Animation and Visual Effect DevelopmentDesigned and implemented over 40 UI animations and visual effects using Framer Motion and other animation libraries. Enhanced visual appeal, and optimized animation performance by 37% using Google performance tools.

Personal Website (Portfolio) LinkWeb Development

October 2023 - Present

Description: A personal portfolio website showcasing projects, skills, and personality.

Skill: HTML | CSS | JavaScript | React | Tailwind | Framer Motion | Google LightHouse | Photoshop | Alibaba Cloud | Vercel | Webpack

Contribution:

- User Interface and Animation DesignDesigned and implemented a visually appealing user interface with over 34 interactive animations using Framer Motion and other animation libraries. Improved website performance by 62% using Google performance Tool.
- Web DevelopmentDeveloped the entire website from scratch using JavaScript, TypeScript, React, Tailwind, Redux, and Webpack. Created 46 responsive components for data visualization in React, optimized for desktops, mobile devices, and tablets to better showcase personal branding.
- Server Deployment and MaintenanceDeployed the website on servers using Webpack, Vercel, and Alibaba Cloud, setting up domain mapping to ensure high availability and accessibility. Regularly maintained the website, fixing missing elements and unexpected errors.

Why Choose Me

Learning Ability

Leadership

Communication Skills

Problem Solving

Aesthetic Judgment

Emotional Stability