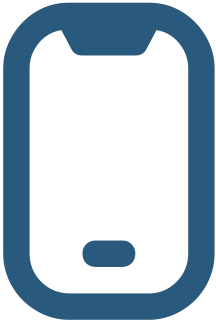
Scott Cheung

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# SuMmary

A result-driven developer with **2 years** of development experience and **7 years** of design experience of web application development. Proficient in **React**, **TypeScript**, **Next.js**, **Redux**, Extensive experience on **Figma**，**UI/UX Design**, **Design system**, **CI/CD**,  **DevOps**, **Cloud**. Demonstrate expertise in working within an **Agile** development environment and delivering projects on time.

# Skills

***Front-end:*** HTML5｜CSS3｜JS｜**TypeScript**｜ **Next.js**｜ **Redux**｜ UI/UX Design｜ Unit tests｜**Jest**  | **Figma** ｜Framer Motion

***Back-end:*** C# ｜ .NET | Java | NodeJS｜ Spring Boot｜ **RESTful** **API**｜ Postman｜ CI/CD ｜ Maven ｜ **AWS** ｜Azure

***Database:* MySQL**｜ PostgreSQL｜ Tableau｜ SQLite｜ PowerBI｜ Python｜ Neo4j｜ Pandas ｜ MongoDB

***AI:***  Machine Learning｜ Deep Learning｜ Natural Language｜ Recommender System

***IT Tool:* Github**｜ SSH｜**Webpack**｜Vitel｜ Shell｜Kubernetes｜ Docker｜ Jira ｜**Agile**｜Vercel | Ali Cloud

# Work Experience

***Wolli Software***, Sydney **Web Developer** Oct 2023 - present

**Description**: Participate in the development of multiple **SPA** projects from scratch.

**Technologies**: HTML5, CSS3, TypeScript, C#, React, **Next.js**, **ASP.NET**, **Tailwind**, Framer Motion, **Redux**, i18n, Figma.

* + - Converted **Figma** designs into reusable, high-quality, scalable, and optimal performance, TDD and BDD components using **TypeScript**, **ReactJS**, and **Next.js** base on **best practices**.
    - Error handling, Troubleshoot and resolve root causes of errors in real-time.
    - Developed RESTful APIs using **C#** and **ASP.NET** to facilitate communication ( **APIs integration** ).
    - [Implemented CI/CD](http://m.gobell.au/), created script to deploy web application to **AWS EC2**, **AWS S3 bucket.**
    - Implemented unit tests using **Jest** and **React Testing Library** to ensure functionality and stability.
    - [Built the front-end architecture](https://github.com/Xianzhezhang97/gobell), using **Next.js** and integrated **Redux** for efficient state management.
    - Performance Optimization, used Google **Lighthouse** for performance analysis to optimize the **Performance** and **SEO** of web application.
    - [Established design system](https://gobell.vercel.app/test) for front-end development, including color schemes, typography, and spacing rules, reducing team communication overhead.
    - [Led UI/UX Design](http://xianzhe.site/gobelldesign), designed client/business UI/UX interfaces using **Figma** and **Photoshop**.
    - [UI/UX Enchancement](https://gobell.vercel.app/) . Developed and customized animations using **Framer Motion** for UI.

# Projects

[Gobell Membership System](https://gobell.vercel.app) **Web Developer** Oct 2023 - Present

**Description**: Developed a membership system single-page application (SPA) from the ground up, providing seamless user experiences for managing client relationships. This required high scalability, responsiveness, and comprehensive performance optimization.

**Technologies**: HTML5, CSS3, JS, **C#**, **.NET**, **React**, **Next.js**, Tailwind, Lighthouse, Framer Motion, Figma, Agile

* + - Development components: Built a scalable Membership System with **TypeScript**, **Next.js** using reusable components for enhanced data visualization and interactivity.
    - Developed RESTful APIs using **C#** and **ASP.NET** to ensure secure and efficient data transfer ensuring seamless user experiences.
    - Requirement Analysis and Design: Developed detailed design documents in **Figma** to meet technical and user experience standards.
    - Performance Optimizations: Improved key metrics (**FCP**, **LCP**, **TBT**) by 23% through asset optimization and component streamlining using Google **Lighthouse**.
    - Implemented Testing: Achieved 90%+ test coverage with **React Testing Library**, identifying issues before production.
    - Enhanced UI: Boosted user engagement with **Framer** **Motion** animations, improving satisfaction scores providing seamless user experiences.
    - Agile Collaboration: Aligned project goals with client expectations, delivering milestones in an **Agile** environment.
    - Design System: Created a unified design system for consistent branding, streamlining color, typography, and spacing.

[Spring ( A Perfume Web )](https://perfume-pearl.vercel.app) **Front End Developer** Aug 2024 - Sep 2024

**Description**: Developed an SEO-optimized, high-performance landing pages of a e-commerce platform, tailored to enhance the online shopping experience for perfume customers through a sleek, mobile-friendly design.

**Technologies**: HTML5, CSS3, **React**, **Typescript**, **Tailwind**, Framer Motion, Figma, Lighthouse, **Jira, vercel**

* + - End-to-end front-end development: Built responsive, user-friendly interfaces using Next.js, TypeScript, and Tailwind, ensuring an optimized shopping journey across devices.
    - Performance optimization and testing: Leveraged Google Lighthouse for performance analysis, enhancing SEO and improving FCP, LCP, FID, CLS, and TBT metrics, resulting in 34% faster load times and a more seamless browsing experience.
    - Implemented CI/CD pipeline: Configured automated deployment workflows on Vercel, reducing deployment times and improving release frequency.

[Neo4j iGrapher](https://xianzhe.site/igrapher) **Front End Developer** Feb 2024 - May 2024

**Description**: A Zero-Code Graphical Data Analysis Tool using Neo4j, React, and three.js to provide zero-code analysis and complex data relationship visualization.

**Technologies**: HTML5, CSS3, JavaScript, Neo4j, **React**, **Three.js**, **Tailwind**, Framer Motion, Figma, **Jira**

* + - **UI/UX Design**, designed UI/UX interfaces using **Figma**, **Tailwind**  and **Photoshop**.
    - **Developed UI Components**, created responsive and efficient components from scratch using **React**, **Three.js** and **Webpack** to graphically represent complex data relationships in real-time.
    - **Developed RESTful APIs** to facilitate communication using **Djongo** between the front-end and back-end, ensuring efficient data transfer.
    - **Integrated unit tests** using **React Testing Library**  to ensure component functionality.

[Personal Website (Portfolio)](https://xianzhe.site) **Web Developer**  Mar 2023 - Present

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

**Technologies**: HTML5, CSS3, JavaScript, Neo4j, **React**, **Tailwind**, Framer Motion, **Figma**, LightHouse, Photoshop, Alibaba Cloud.

* + - Lead UI/UX Design, designed UI/UX components and interfaces using **Figma** and **Photoshop**.
    - Developed UI Components, developed all components using **TypeScript**, **React**, **Tailwind**, **Redux**, and **Webpack**. Created responsive and efficient components.
    - [Implemented CI/CD](http://m.gobell.au/), created shell **script** to deploy web application to **Alibaba Cloud** and Set up domain mapping to ensure high availability and accessibility.
    - Error handling, regularly maintained the website, fixing missing elements and unexpected errors.

# Education

***UNSW***, [Master of IT](https://xianzhe.site/major/ArtificalInteligence) **Artificial Intelligence** Sep 2022

***SWUST***, [Bachelor of Management](https://xianzhe.site/major/BusinessAdministration)  **Business Administration** ( WAM: 83 ) Sep 2021

***SWUST***, [Bachelor of Engineer](https://xianzhe.site/major/FunctionalMaterial)  **Functional Material** ( WAM: 83 ) Sep 2017

# Relevant Link

* + - **Led UI/UX Design** <https://xianzhe.site/gobelldesign>
    - **Developed responsive Components for Gobell** <https://gobell.vercel.app>
    - **Developed responsive Components for Spring** <https://perfume-pearl.vercel.app>
    - **Built the Front-end architecture** <https://github.com/Xianzhezhang97/gobell>
    - **Neo4j Igrapher** <https://xianzhe.site/igrapher>
    - **Implemented CI/CD** <https://m.gobell.au>
    - **Established design system** <https://gobell.vercel.app/test>
    - **Personal website** <https://xianzhe.site>