SCOTT CHEUNG

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SUMMARY ---

A result-driven developer with over **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.

- **Developed UI Components**, converted **Figma** designs into high-quality, scalable, and optimal performance, TDD and BDD components using **TypeScript**, **ReactJS**, and **Next.js** base on **best practices**.

- **Developed RESTful APIs** using **C#** and **ASP.NET** to facilitate communication (**APIs integration**) between the front-end and back-end, and Integrate and work with third-party APIs to support application features ensuring secure and efficient data transfer ensuring seamless user experiences.

- **Implemented CI/CD**, created script to deploy web application to **AWS EC2**, **AWS S3 bucket.**

- **Error handling**, Troubleshoot and resolve root causes of errors in real-time. Collaborated with cross-functional teams to develop and test patches, ensuring minimal downtime and impact on users.

- **Implemented unit tests** using **Jest** and **React Testing Library** to ensure component functionality and stability.

- **Built the front-end architecture,** using **Next.js** to ensure **SEO Friendly** and integrated **Redux** for efficient state management, making the project scalable, using **GIT** easy to manage.

- **Performance Optimization**, used Google **Lighthouse** for performance analysis to optimize the **Performance** and **SEO** of web application.

- **Established design system** for front-end development, including color schemes, typography, and spacing rules, reducing team communication overhead and cross-browser compatibility and responsiveness.

- **Led UI/UX Design**, designed client/business UI/UX interfaces, promotional flyers, brochures, pull-up banners and 3 membership cards using **Figma** and **Photoshop**.

- **UI/UX Enchancement** . Developed and customized animations using **Framer Motion** for UI. Improved interface responsiveness at least by **20%**.

PROJECTS

Gobell Membership System — 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) — 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 — 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) ——————— **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**, 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 ——————————— **Artificial Intelligence** ————————— Sep 2022

SWUST, Bachelor of Management ———— **Business Administration** (WAM: 83) ———— Sep 2021

SWUST, Bachelor of Engineer ————— **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