SCOTT CHUENG

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SUMMARY

A result-driven developer with over 3 **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 | **JavaScript** | **TypeScript** | **ReactJs** | **Next.js** | Redux | UI/UX Design | Unit tests | **Jest** | **Figma**

Back-end: NodeJS | Github Actions | **RESTful API** | Postman | CI/CD | AWS | Azure | **GraphQL**

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

IT Tool: **Github** | SSH | Webpack | Vitel | Shell | Docker | Jira | **Agile**

WORK EXPERIENCE

Gobell Group, Sydney ———————— **FrontEnd Developer** ———————— May 2024 - present

Description: Developed a React and Redux based **web applications** for management system from scratch.

Technologies: HTML5, CSS3, TypeScript, **React**, **Next.js**, **Tailwind**, Framer Motion, **Redux**, i18n, Figma, jsBarcode, QRcode.

- **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%**.

- **Developed UI Components**, converted **Figma** designs into interactive and responsive react components using **TypeScript**, **ReactJS**, and **Next.js** base on **best practices**.

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

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

- **Integrated RESTful APIs** to facilitate communication (**APIs integration**) between the front-end and back-end, ensuring secure and efficient data transfer ensuring seamless user experiences.

- **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.

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

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

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

PROJECTS --

Personal Website (Portfolio) ——— **Web Developer** ——— October 2023 - Present

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

Technologies: HTML5, CSS3, 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.

Neo4j iGrapher ——— **FrontEnd 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, Neo4j, **React**, **Three.js**, **Tailwind**, Framer Motion, Figma

- **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.

EDUCATION --

UNSW, Master of IT ——— **Artificial Intelligence** ——— Sep 2022 - May 2024

SWUST, Bachelor of Management ——— **Business Administration** (WAM: 83) ——— Sep 2021 - May 2022

SWUST, Bachelor of Engineer ——— **Functional Material** (WAM: 83) ——— Sep 2017 - May 2022

RELEVANT LINK --

- **Led UI/UX Design** ——— https://xianzhe.site/gobelldesign
- **Developed UI Components** ——— https://gobell.vercel.app
- **Built the Front-end architecture** ——— https://github.com/Xianzhezhang97/gobell
- **Established design system** ——— https://gobell.vercel.app/test
- **Implemented CI/CD** ——— https://m.gobell.au
- **Personal website** ——— https://xianzhe.site
- **Neo4j Igrapher** ——— https://xianzhe.site/igrapher
- **Master of IT** ——— https://xianzhe.site/major/ArtificalInteligence
- **Bachelor of Management** ——— https://xianzhe.site/major/BusinessAdministration
- **Bachelor of Engineer** ——— https://xianzhe.site/major/FunctionalMaterial