

# SSS

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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 Enhancement**. 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.
- **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.
- **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.
- **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 **Django** 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/gobell/design>
- 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/ArtificialIntelligence>
- Bachelor of Management ----- <https://xianzhe.site/major/BusinessAdministration>
- Bachelor of Engineer ----- <https://xianzhe.site/major/FunctionalMaterial>