

Charles Zhao

E: charles.zhao5461@gmail.com P: +61 421 217 312 [Portfolio](#) [Github](#)

WORK EXPERIENCE

Freelance Web Developer

Self Employed

July 2021 - Present

Sydney, NSW

- **Designed/built an entire ecommerce web app** for a clothing brand with GatsbyJS and Shopify.
 - Compared to previous Squarespace site - Increased sales by 200% and average session duration by 160%. Reduced cost to keep site up from \$13 p/m to \$52 p/m.
 - Increased Google Lighthouse performance score by 200% and SEO to a perfect score.
- **Designed/built an artist's portfolio with CMS integration** with GatsbyJS and NetlifyCMS.
 - Compared to previous Wordpress site - achieved a perfect Google Lighthouse score, with 0.4s to become interactive (400% faster than previous). Boosted SEO to be the third Google search result.

Sales Assistant

Nike & Muji

2018 - 2020, 2021 - Present

Sydney, NSW

- Customer service, training new staff, self-managing and handling complaints.

PROJECTS

Homeland (first load will be slow due to Heroku sleeping the dyno)

Social Media Web App

Sep 2021

Sydney, NSW

- **Tech Stack:** MERN (MongoDB, Express, React, Node.js)
- **Key Features:**
 - App wide state management with Redux + Toolkit.
 - Socket IO for real-time updates between users.
 - Backend – Node.js and full CRUD with MongoDB – users, profiles, posts, comments, likes, messages.
 - Cloudinary to handle image uploads, storage and optimized delivery.
 - Skeleton Loading, React Router, and Vanilla CSS.

Personal Portfolio

Portfolio Site

Nov 2021

Sydney, NSW

- **Tech Stack:** GatsbyJS (React) & GraphQL with styled-components
- **Key Features:**
 - Gatsby Image for optimized delivery of images. Styled components for CSS.

EDUCATION & COURSES

University of Technology, Sydney

Bachelor of Business, Finance and Marketing

Jun 2018

Sydney, NSW

- Participated in The Big Lift, a 9-day volunteering trip throughout regional NSW & Victoria.

Udemy

The Web Developer Bootcamp by Colt Steele

Next.js & React - The Complete Guide

MERN Stack Front to Back: Full Stack React, Redux & Node.js

Jun 2019 - Present

Sydney, NSW

SKILLS & INTERESTS

- **Skills:** HTML5, CSS3, Javascript (ES6), React, Redux, GatsbyJS, NextJS, GraphQL, Node.js, Firebase, Mongo, styled-components, React Router, Git, Webpack, SSR/SSG, APIs.