


Chris Zhang

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PERSONAL SUMMARY

A motivated and enthusiastic web developer with a passion for web development, seeking a career in the IT industry. Team player with good communication skills adaptable to any work environment. I am constantly striving to learn new technologies and look at ways to exceed company goals and expectations.

SKILLS

Front-end Languages: HTML5, CSS3, SASS, styled-components, Bootstrap, Material UI, Font Awesome Icons, JavaScript (ES6+), **TypeScript, React.js, Redux, Redux Toolkit**

Back-end: **Node.js**, Express.js, Restful API, JWT Token

Databases: MongoDB, MySQL

Testing: Jest

CI/CD: Jenkins

Cloud: AWS Lambda, S3

Tooling: Git, GitHub, NPM, Bitbucket, JIRA, NPM, Postman, Visual Studio Code

Methodologies: Agile/Scrum

EXPERIENCE

JR Academy

Sep 2023 – Apr 2024

Full Stack Developer Intern

Sydney

Link: <https://github.com/Chris-Hanwen/JR-MetaForm-Project>

A platform enabling companies and professionals to create customisable questionnaires, collect data and connect seamlessly with backend databases. The long-term goal is to commercialize this platform for broader market adoption.

- Initialized the project using **Eslint** and **Husky** to set the coding rules to improve the readability and consistency.
- Collaborated with BAs and team members to optimize the design and implemented dynamic and responsive user interfaces using **React, TypeScript, Styled-components**.
- Utilized **Node.js** in conjunction with Express.js to develop **RESTful** APIs to establish a standardized and widely accepted communication approach, employing standard HTTP methods (GET, POST, PUT, DELETE).
- Employed the **CORS** package to address and resolve issues with blocking cross-origin requests.
- Work closely with the dev team to establish effective connections with backend database, utilizing **MongoDB** to store and retrieve data securely.
- Utilized the **Jest** testing framework to conduct comprehensive tests on React components, validating their behavior and assessing their output.
- Deployed on AWS with **Jenkins** to establish a CI server and configured it to trigger CD pipeline.

BiteRiot

Mar 2019 - Mar 2021

Purchasing Manager

Sydney

- Purchased customized packing box and labels which are most ordered and imported from overseas.
- Communicated with overseas fruit importers on export matters.

TEAM PROJECT

Land Tasker

Sep 2022 – Dec 2022

Full Stack Developer

Sydney

Presentation Link: <https://www.youtube.com/watch?v=-Pp77MMSdU>

Link: <https://github.com/Chris-Hanwen/LandTasker>

Description: Developed a full-stack web application focusing on community platform that connects people who need to outsource tasks and find local services. This is a web application similar to Airtasker. We use **Bitbucket** and **Jira** for our version control management as well as **Agile** methodology.

Team Members: Four **Developers** and Four **DevOps**.

Backend:

- Built using **Express.js** to create a RESTful API.
- Integrated **MongoDB** for data storage, utilizing Mongoose for schema definitions and database interactions.
- Implemented **JWT**-based authentication for secure user login and route protection.
- Developed models for users, posts and reviews with fields such as email, password and more.

Frontend:

- Developed the frontend application using **React**, **react router dom**, **Typescript**, **SASS**, **Material-UI**.
- Designed a user-friendly interface with components such as Navbar, Home, and Post.
- Implemented a dynamic navbar with features like product, login, and join member.
- **Email Verification for Register and Login:** User can sign up by providing their email address, which will be used for verification. After registering, users are able to login in via email address.
- **Password Reset via Email:** By clicking the "Forget password" button, users can initial a password reset. The users will receive a reset link from registered email address, allowing them to set a new password and regain access to their account.

Database:

- Connected to a MongoDB database using a configuration file, ensuring a modular and maintainable codebase.
- Set up **CORS** for handling cross-origin requests, ensuring frontend-backend communication.

PERSONAL PROJECT

Ins-Clone
Full Stack Developer

Jul.2023 – Oct.2023
Sydney

Link: <https://github.com/Chris-Hanwen/ins-clone>

Description: Developed a full-stack web application inspired by Instagram, enabling users to create, view, and manage posts and profiles.

Backend:

- Built using **Express.js** to create a RESTful API.
- Integrated **MongoDB** for data storage, utilizing Mongoose for schema definitions and database interactions.
- Implemented **JWT**-based authentication for secure user login and route protection.
- Developed models for users and posts with fields such as username, email, password, profile pictures, post images, and more.
- Set up a modular route structure, segregating authentication, profiles, and post-related routes.

Frontend:

- Developed the frontend application using **React, Redux-toolkit, react router dom, styled-components, Material-UI**.
- Designed a user-friendly interface with components such as Navbar, Home, and Post.
- Implemented a dynamic navbar with features like search, notifications, and a dropdown menu for user-related actions.
- Developed the Home component to display stories and posts, enhancing user interaction.
- Utilized React Router for seamless navigation between different components and views.
- **User Profiles:** Allowed users to create and customize their profiles. Users can upload avatars, update their bios, and view/edit personal information.
- **Likes:** Implemented a feature for users to like posts, display the number of likes for each post, and update likes in real-time.
- **Creating and Sharing Posts:** Enabled users to create new posts, upload images, add descriptive text, and implemented pagination to load more posts.
- **Deployment & Infrastructure:**
- Connected to a MongoDB database using a configuration file, ensuring a modular and maintainable codebase.
- Set up **CORS** for handling cross-origin requests, ensuring frontend-backend communication.

Hamburger Online Order System
Frontend Developer

Mar.2023 – May.2023
Sydney

Link: <https://github.com/Chris-Hanwen/hamburger>

Description: Using React.js to develop a frontend web application inspired by online order system. This project is designed to provide an interactive experience for users who want to customize their McDonald's orders, add or remove items and conveniently clear their shopping cart with just one click.

Frontend:

- Developed the frontend application using **React, CSS Modules, FontAwesome**.
- Designed a user-friendly interface with components such as **Cart, Filter**, and **Backdrop**.
- Easily add items to your cart with a click of a button. Likewise, removing items from your cart is just as simple, giving you full control over your order.
- For your convenience, we've implemented a **one-click solution** to clear your shopping cart. If you change your mind or want to start afresh, it's as easy as pressing a button.

EDUCATION

JR Academy	2022-2023
Full Stack Developer	Sydney
Beijing Film Academy	2007-2010
Master's degree of Film and Television Technology	Beijing
China University of Mining and Technology	2001-2005
Bachelor's degree of Engineering	Beijing