

Eric Zhang

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Personal Portfolio: <https://www.ericprooof.com/>

Ryde NSW 2112

Summary

Creative and Innovative Software Engineer with experience specialising in both front end and back end web application development. Proficient in JavaScript, React.js, Node.js, Restful API. Extensive experience on CI/CD, and Azure. Working within an agile development and delivering projects on time.

Skills

Languages: **JavaScript, TypeScript**, Python

Web tech: **Restful API**, HTML5, **React, NextJS**, Tailwind CSS, Angular, Vue, Node.js, **Express.js**, MaterialUI

DB: SQL, MySQL, MongoDB.

Tools: Azure, Git, webpack.

Work Experience

Software Developer Intern

Nov 2022 - Feb 2023

Maptaskr, Perth, Western Australia

- SPA development using **Material UI and Angular**.
- Build internal Tool by React, **Node, Express**, Postgresql.
- Fix the bugs in the CRM system and achieve a responsive design using **Sass**.
- Deployed and delivery the product utilizing **Webpack** and **Microsoft Azure CI/CD pipeline**.
- Worked in version control system - **GIT**
- Writing unit tests for Angular component using Jasmine and Karma. wo

Frontend Developer

Jul 2021 – Mar 2022

Shengkun Technology Pty Ltd, China

- Developed a Hydrology Information Collection and Management Dashboard for the local council.
- Enhanced web performance through the implementation of **SVG sprites** and **lazy loading**.
- Implement **token-based authentication** to ensure application security.
- Improved project reusability and enhanced code readability by refactoring the code into separate **Vue.js** components.

Projects

Personal Portfolio(<https://www.ericprooof.com/>)

- Developed a personal web site using **React, NextJs**, Typescript, Tailwind CSS.
- Utilized React hooks and **custom hooks** to optimize project code reusability.
- Implemented animation feature by **Framer Motion**.
- Deploy and hosting by **Vercel**.

Real Estate Mobile Website (house-marketplace-app-1df42.web.app)

- Developed a real estate mobile application using **React**,
- Utilized React hooks and **custom hooks** to optimize project code reusability.
- Implemented the Map display function using **Leaflet Map**.
- Writing unit tests for React components using **Jest**

Food Order Application

- Created a **React** SPA Food Order Application, enabling customers to easily select items and complete payments.
- Optimized state management using React **Redux** for enhanced efficiency.
- Enhanced project code readability and reusability through the implementation of **custom hooks**.

EventPro

- Developed a ticket shopping website with a **Vue.js** frontend and **Python Flask** backend, collaborating with team members to utilize Swagger UI and Flask for generating **RESTFUL** API documentation
- Implemented various functions, including signing up/in, creating new events, displaying event details, leaving comments on participating events, and placing orders for tickets.
- Developed and implemented a recommendation system to predict customer preferences.
- Utilized **Jira** for weekly task tracking and assignment, integrated teammates' code, and resolved merge conflicts.

Education

Master of Information Technology

University of New South Wales

Sydney, Australia

Bachelor of Electronic Engineering

Nanjing Institute of Technology

Nanjing, China