Eric Zhang

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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, 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**.

− 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.

Frontend Developer   **July 2017 – Feb 2018**

Chengdu Shengkun technology Ltd, Chengdu, 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 Profolio

− 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**.

Project Name: EventPro | Role: Scrum Master and Full Stack Developer

– 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	Feb 2018 – Sep 2020
University of New South Wales	*Sydney, Australia*
Bachelor of Electronic Engineering	Sep 2013 – Sep 2017
Nanjing Institute of Technology	*Nanjing, China*