Zane Zhang | Full-Stack Software Engineer

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Experienced software engineer specializing in Agile **web** development, delivering high-quality **commercial applications**. Proficient with **ReactJS**, **TypeScript**, **Mobx State Tree**, **GraphQL**, **REST API**, **CI/CD tools**, **Node.js**, and **SQL**. Collaborative **team player** with strong **UX/UI** skills, working closely with **QA**, **BA**, and **developers** in an **Agile** environment using **Jira**.

WORK EXPERIENCE

1. Software Engineer

Codafication, Brisbane   (2022-04 -2023-07)

Crunchwork, a versatile project management **web app** for insurance, leads the industry with microservices architecture. Clients like **IAG, JB-HiFi, and Gallagher Bassett** rely on it. With **Docker** and **Kubernetes**, it's flexible for **AWS** or **Azure**. I have completed **100+** tickets(bugs & feature tickets), handled **150+** pull requests, with the team, reduce legacy bugs by **40%**.

Responsibilities:

- **Maintain**, **developed new features** in Crunchwork using **React,TypeScript, MST, GraphQL, Apollo Client, Node.JS and styled-components**.
- Managed **package size** using **webpack's bundle analyzer** for efficient imports and applied tree-shaking when feasible.
- Regularly **reviewed** team code to ensure pull request **stability** before main branch delivery.
- Using **Jira**, collaborated closely with **QA**, **BA**, the **product owner** and other **developers** in a **12-person Agile team.**

Highlights:

- **Created** a new Crunchwork **extension** for onsite user attendance, enhancing management's ability to oversee and control job execution times.
- Aided new clients(**JB-HiFi, IAG**) with product setup and tailored Crunchwork to meet their specific needs.
- Created a new microservices extension to facilitate user account management on the platform.
- Integrated Crunchwork with other insurance services such as **Grafana**, **Opus**, and **Xero**.

2. Web Developer

NLR, Brisbane   （2021-10 -2022-04）

Build and maintenance of multiple **E-commerce** and Service websites

https://iaqdirect.com.au, https://iecl.com.au/

- The website was created with **WordPress** and **WooCommerce**, incorporating essential plugins like Stripe Gateway, Sucuri Security, and UpdraftPlus.
- **Formik** was employed for a dynamic user request form.
- Implemented **SEO** to boost search engine rankings, optimizing keywords, meta tags, content, and page speed.
- Utilized **Google Analytics** for traffic analysis and user behavior insights.

SKILLS

*F*ront end:

- React, TypeScript, MST(Mbox State Tree), Redux, Next.js, Bootstrap, SASS, HTML & CSS, Tailwind CSS
- Wordpress, Shopify, WIX

Back end:

- Node.js, Express, GraphQL, REST API, PHP
- Postgres, MySQL, MongoDB
- AWS, k8s, Docker

Develops Tools & Platforms:

- GitHub, Bitbucket, Postman, Lens, Figma

EDUCATION

University of Queensland
Master of Interaction Design, 2019-2021

Major course: Software Engineering (Python), Web Design, Database, Web Information System, Human-Computer Interaction, Graphic Design, Physical Computing.