

Zane Zhang | Full-Stack Software Engineer

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Diligent software engineer with a proven track record of delivering high-quality commercial applications and software solutions. Proficient in agile software development, I specialize in building and maintaining responsive website applications using a variety of technologies, including **ReactJS, TypeScript, Mobx State Tree, GraphQL, HTML & CSS, CI/CD, Node.js, and SQL (Postgres)**. I am eager to seize opportunities to collaborate, contribute to corporate value, and grow professionally.

Work Experience

Software Engineer

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

Description:

Crunchwork is a versatile project management tool, mainly for the insurance sector. It utilizes a microservices structure with Docker and Kubernetes, deployable on AWS or Azure as needed.

Responsibilities:

- Developed new features in Crunchwork using React, TypeScript, Mobx, 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.
- Refactored features into clear, maintainable components, resolving business-application conflicts.
- Regularly reviewed team code to ensure pull request stability before main branch delivery.

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.

Web Developer

NLR, Brisbane (2021-10 -2022-04)

- Build and manipulate E-commerce and Service websites
- Edit and repurpose plugins under customers' needs
- Work with marketing team to make sure the website functions properly for SEO and SEM as well as the proper display of data

Skills

Development Skills

Front end: ReactJS, TypeScript, MST(Mbox State Tree), HTML&CSS, Styled-Component and Bootstrap

Back end: Node.JS, GraphQL, PHP

Database: Postgres, MySQL, MongoDB

Cloud: AWS, k8s, Docker

CMS: Wordpress, Webflow, WIX

Methodologies: Agile, Scrum

Educational Background

University of Queensland

Master of Interaction Design, 2019-2021