Sean (Xiaoen) Tang

+61 0470593067 | email: tangxiaoensean@gmail.com | Linkedin: www.linkedin.com/in/tangxiaoensean
website: https://xiaoen-tang-sean.cc

Skills

Languages:	**JavaScript**, **TypeScript**, Python, Kotlin
Web tech:	**Restful API**, micro services, GraphQL
Front end:	**HTML5**, **CSS3**, Tailwind, **React**, Redux, Vue.js, .Net, Next.js, **Node.js**, Bootstrap, Dumi, Angular, JQuery
DB:	MySQL, **PostgresQL**, MongoDB
Tools:	**AWS**, Git, **Webpack**, **Jest (automated testing)**, Jenkins, Figma, Grunt

Work Experience

HelloBike   Software Engineer   02/2022 - 08/2023

Cross-Functional Collaboration

- Collaborated with product design, product management, and software engineering teams in an **Agile** environment to drive business success in efficiency and safety.
- Conducted comprehensive code reviews for 10+ projects, identifying and rectifying potential issues, resulting in a 40% decrease in bugs and accelerated overall code quality.

Mobile Merchant APP Development (React, Node.js, RESTful API)

- Spearheaded a collaborative effort with a 5-member developer team to create a **React**-powered Merchant App, achieving a 30% enhancement in merchant work efficiency and boosting offline sales by 20%.
- Pioneered the integration of **pre-rendering** and **caching** technology, resulting in a remarkable first-screen load time of under 600ms, outperforming over 80% of rival apps in the market.
- Employed **Node.js** to develop **RESTful API**s for interface integration, optimised the logic related to interface call and reduce the related code by 80%.

Web System for Merchants (VueJS, micro-frontend)

- Built a robust web system for merchants using **VueJS**, the CRM module of which increased sales by more than 170 million RMB.
- Implemented **micro-front-end** technology for enhanced modularity, improved development efficiency by nearly 30%.

Component Library Development (Dumi)

- Conceptualized and executed a component library utilising the React-based **Dumi** front-end framework, establishing uniform design elements and enhancing development efficiency by 45% across 15+ pages, resulting in a more polished user interface.
- Created over 80 components to enhance system functionality. The reusability of components reduced development manpower by more than 500 hours in total.

TikTok   Software Engineer Intern   04/2021 - 12/2021

TikTok Mall Team Engagement (Next.js, Redux, SSR)

- Developed and executed **React**-based front-end projects for the TikTok Mall Team, resulting in a 20% increase in user engagement and a 25% boost in conversion rate.
- Improved **SEO** by implementing SRR using **Next.js**, implemented global state management with Redux.

Collaborative Solution Design and Module Development

- Collaborated with the server and design teams to devise solutions and develop modules. The on-time completion rate of cooperation projects was 100%.
- Accelerated user experience and reduced customer support issues by 40% by identifying and rectifying over 50 online bugs.

Component Library Construction (React)

- Spearheaded the creation of a scalable component library using **React**, enabling the team to deliver projects 25% faster and reducing maintenance efforts by 20%.
- Ensured component stability, utilising the library development solutions across TikTok's core pages, served over 100 million users daily.

Automated Unit Testing (Jest)

- Orchestrated the successful implementation of **Jest** automated unit tests for business projects and component libraries.
- The automated unit tests resulting in a 60% decrease in post-release bugs, establishing a new standard of excellence in product stability.
- Achieved a code coverage rate exceeding 90%, minimising bugs introduced while deploying new features.

Education

08/2019 - 01/2022	**University of New South Wales, Australia**
	Master of Information Technology with Excellence
09/2015 - 06/2019	**Donghua University, China**
	Bachelor of Information System Management
01/2017 - 05/2019	**East China Normal University, China**
	Bachelor's Degree Minor in Applied Psychology