

# Sean (Xiaoen) Tang

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## Skills

Languages: **JavaScript, TypeScript**, Python  
Web tech: Restful API, micro services, GraphQL  
Front end: **HTML5, CSS3**, Tailwind, **React**, Redux, Vue.js, Next.js, Node.js, Bootstrap, Dumi  
DB: MySQL, PostgreSQL, MongoDB  
Tools: AWS, Git, Webpack, Jest, Jenkins, Figma

## Work Experience

**HelloBike (A company invested by Alibaba and a leader in China's travel industry)** **Front End Developer** 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)

- Led a 5-developer team to build a **React**-based mobile Merchant APP. Increased work efficiency for merchants by 30% and increased offline sales by 20%.
- Implemented **pre-rendering** and **caching** technology, achieving a first-screen load time of less than 600ms. Surpassed 80% of apps on the market.
- Employed **Node.js** to develop **RESTful APIs** for interface integration, optimized 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)

- Developed and implemented a component library utilising the **Dumi** front-end framework, resulting in streamlined design consistency and improved development efficiency across 15+ pages.
- Created over 80 components to enhance system functionality. The reusability of components reduced development manpower by more than 500 hours in total.

**TikTok (A world-famous company with products such as TikTok, Douyin, etc.)** **Front End Developer 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 **SSR** 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 multiple 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