

# CHEN XI

## EDUCATION

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SINGAPORE MANAGEMENT UNIVERSITY  
Master of IT in Business(Financial Services)

Aug-2016-Feb 2018

ZHEJIANG UNIVERSITY - China  
Bachelor of Science in Software Engineering

Aug 2013-Jun 2017

## SKILLS

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- **Language:** Mandarin(native),English
- **Program Language:** Especially experienced in JavaScript、.NET Core、Node.js、C#, also have some mini-project experience with C, Python, Java and PHP
- **Frontend Development:** **More than 5 years** of experience, most familiar with React, Redux and TypeScript, and have some mini-project experience with MobX
- **Backend Development:** **5 years** of experience, most familiar with .Net Core and related technology, also understand other backend technology such as SQLServer, MongoDB, Redis and Kong
- **Other:**Docker, k8s, AWS related cloud technology, GitHub, BitBucket
- **Around 3 year** of remote work experience, familiar with the working mode of remote work.

## WORK EXPERIENCE

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Branch, Inc (branch.io) Full Stack Engineer / Front-end Lead April 2021 - Present  
Spearheaded the front-end development and maintenance of a localized intelligent marketing SaaS platform, supporting B-end customers in quickly creating H5 marketing activities. Enhanced marketing conversion rates by leveraging deep link technology, facilitating seamless connectivity from web pages to client-side applications.

- Independently constructed the SaaS backend management site and formed a front-end team for the further development of functions such as data panels, activity creation, and permission management.
- Designed and implemented a low-code template system for internal use, significantly accelerating H5 launch speed (from 2 days to 0.5 day).
- Devised and improved the front-end testing process and was responsible for end-to-end test script development, enhancing system stability.
- Designed and refined the overall operation and maintenance scheme of the project, building a continuous integration workflow based on tools like Alibaba Cloud and Git Action.
- Independently developed the company's internal APP for both iOS and Android, facilitating the creation of realistic full-process testing scenarios.
- Leveraged ChatGPT to develop an automatic code review and unit test writing script, improving code usability and saving team resources.
- Regularly reviewed team code quality and organized code refactoring, enhancing code maintainability.

Moody's Analytics Software Engineer Mar 2018 - Dec 2020  
Working as an associate software engineer to develop the product of Moody's Excel Add-In platform and improve product's availability. Moody's Excel Add-In platform enables customers to access Moody's vast suite of data through Microsoft Excel.

- Work with tech lead to refactor a monolith to microservice, this refactoring has increased the performance of the server side by 40%
- Work with tech lead to develop internal SDK, and further optimize the microservice architecture based on the SDK to improve the efficiency of development and maintenance.
- Undertake the main development work of the SDK supporting background management site.
- Maintain and optimize the Redis-based caching system to improve the stability of the product under heavy traffic.
- Research and design and develop data aggregation and browsing tools based on micro-front-ends, and integrate them into Excel Add-in products to improve the efficiency and experience of data acquisition by customers.
- Refactor the front-end code based on TypeScript, and promote the use of TypeScript in the group for subsequent development, to improve the robustness of the front-end code and improve development efficiency.
- Work with global team to define and elaborate on business requirements for product

**Whale Technical Front-End Engineer(Remote)****Nov 2017 - Feb 2018**

- Develop the new retail terminal page and enable it to interact with the IoT server through the IoT Communication Protocol (MQTT) to realize the data transmission between the smart shelf and the new retail terminal.
- Cooperated with the hardware team to develop the first version of the IoT server, and collaborated with new retail terminals and smart shelves to form a prototype product for a new retail solution. The prototype helped the team successfully sign contract which worth around one million RMB.
- Develop a simple CI system by Jenkins and Git hooks to reduce manual operations and improve development efficiency.

**Hangzhou Zaofeng Electronic Commerce Ltd - China****Technical Co-Founder****Jun 2014- Oct 2015**

- Lead team to development product, focus on mobile web and iOS app based on React-Native. Before leaving, the product was used by about 100,000 customers and received 5 million RMB angel investment

**COMMUNITY EXPERIENCE**

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- Builder, 3WW3 Asia-Africa-Latin America Web3 Ecosystem Research Institute
- Member, CANAANS Lab, Participated in the collaborative construction of the blockchain-based game project canaans.xyz.