

Bun Chen

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- Proficient in **JavaScript** and **React**'s internal mechanisms, with a strong focus on writing high-performance and maintainable code to ensure optimal product performance.
- Adept at **integrative thinking**, capable of identifying connections between different perspectives and synthesizing diverse concepts.
- Proficient in **cross-functional collaboration**, effectively conveying ideas in a way that is easily understood by different teams to ensure seamless communication.

Experience

Frontend Engineer - Castles Technology Co., Ltd.

May 2023 - Present

Ranked 4th among POS terminal manufacturers in North America.

- Proficient in React's core concepts, internal mechanics, and practical development, leveraging React Hooks to minimize re-renders and optimize product performance.
- Facilitate seamless collaboration between PM and backend engineers, ensuring frontend design enhances user experience and API integrations are error-free. Proven track record of successfully managing and delivering complex projects on tight schedules.
- Proactively optimized the development environment by migrating from Webpack to **Vite**, reducing project startup time from 1 minute to 20 seconds, significantly improving team development efficiency.
- Authored clear and structured **development documentation**, detailing requirement background, impacted files, and API changes to facilitate collaboration and enhance development efficiency.
- Proactively identified recurring components and logic within the project, refactoring them into **reusable components** or functions to enhance code maintainability.

Skills: JavaScript, React.js, styled-components, Storybook, Vite, Git, WCAG 2.0

Software Product Manager - QNAP Systems, Inc.

June 2021 - May 2023

- Worked with engineers and UI/UX designers to enhance detection and data analytics in a people flow tracking product, enabling users to gain deeper insights and make better business decisions.

Software Project Manager - ASUSTeK Computer Inc.

Apr 2020 - June 2021

- Led a project team and engaged with global key users to analyze device usage and operational scenarios, improving issue reproducibility and ensuring effective problem resolution to enhance software quality.

Hardware Product Manager - ASUSTeK Computer Inc.

May 2015 - Apr 2020

- Developed product specs for ROG gaming peripherals through market and user research. Launched 5 products, one winning the 2018 iF Design Award.

Skills

- Front-end: JavaScript (ES6+), React.js, TypeScript, Styled Components, Tailwind CSS
- Development Tools: Git, Vite, Chrome DevTools, Storybook, GitHub Actions
- Others: WCAG 2.0, Lighthouse, Google Analytics

Portfolio

- Blog (medium.com/@bun.coding): Sharing technical knowledge, coding experiences, and project learnings.
- Personal Website (thisisbun.github.io/website): TypeScript, SEO optimization, Google Analytics for data tracking.

Education

- Yuan Ze University - Bachelor of Business Administration.

Taoyuan, Taiwan

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Biography

Programming and Me

This is more than just a job.

What makes it fascinating is that the same result can be achieved in many different ways. This constantly pushes me to think: are there other ways to write this? What are the pros and cons of each approach? This process feels like solving puzzles or building with LEGO bricks — and I just enjoy it.

Through this process, I've also realized that code can always be improved. With continuous refinement, it's possible to unlock more powerful features. This potential for ongoing growth is what keeps me motivated and fully engaged in software development.

How My PM Experience Shaped My Thinking and Collaboration Skills

I became a PM because I wanted to be involved in development and build products. My first project was developing a gaming mouse, where I was responsible not only for defining product specs but also for **coordinating cross-functional** teams. The most memorable part was extensively testing the mouse model's ergonomics with designers while collaborating with engineers to optimize functionality within limited space.

Later, as a software PM, I led a task force team to improve software quality. This role taught me that software issues often arise from variations in device environments and user scenarios. Accurately solving problems required a deep understanding of both technical and user perspectives.

My experience as a PM gave me a strong sense of accomplishment in building products with a team. However, I realized that my true passion lay not just in project management but in understanding technology and solving problems. This realization led me to explore web development, where I found greater fulfillment in creating features myself. Fueled by this passion, I transitioned into frontend engineering, where I can bring ideas to life through hands-on development.

Growth in Frontend Development

At Castle, I focused on JavaScript, React, and frontend development tools, continuously improving my code quality and development efficiency through feature development, technical discussions with teams, and code reviews. With my strength in **integrative thinking**, I helped lead several large-scale projects, including OAuth2 third-party integration, geofencing functionality, and an app store system.

In these projects, I actively collaborated with PM to ensure development aligned with user scenarios and worked closely with backend engineers to structure APIs effectively, minimizing integration errors. Additionally, I documented key development insights in Notion, serving both as personal notes and as a resource to enhance frontend team collaboration.

Beyond project work, I continuously deepen my understanding of JavaScript and React's core principles to ensure a solid grasp of their inner workings. I also explore new technologies through side projects, using TypeScript and Tailwind CSS to broaden my expertise in frontend development tools.

Summary

I am a frontend engineer with a passion for technology and a strong ability in integrative thinking. I focus not only on writing high-quality code but also on improving development efficiency and fostering effective cross-team communication. I believe the true value of technology lies in solving real-world problems, which drives me to continuously learn and refine my skills. My goal is to work with teams to build impactful products that make a difference.