

Wendy Lee

About Me

Adaptable software engineer with **4 years of hands-on experience** spanning the full stack, including backend (GoLang/AWS), mobile (React Native), and web (React/TypeScript). A quick learner who eagerly steps outside comfort zones, I consistently strive to **go beyond expectations** and **deliver high-quality work**. With a strong focus on time organization, I am a helpful **team player dedicated to efficiency and collaboration**, driven to build tools and systems that empower teams to move faster.

Job Experience

Frontend Engineer · Pinkoi, Taipei July 2025 — current

AI Agent / React / TypeScript / Zustand / Webpack

- Initiated React Router v6 adoption by extending the existing adaptive API to migrate v3 and v5 syntax to v5-compatible, then developed an autonomous migrator agent with properly scoped boundaries that **cut migration time by 50%**.
- Built an agent skill to automate analytic tracking event implementation and verification, **saving 5 minutes per user flow test case** while improving code accuracy and maintainability.
- Built a ticket release landing page powered by a refactored textpool CMS, **migrating from a legacy HOC pattern to a React Context-based architecture** with TypeScript, enabling independent business team copy edits.
- Designed and implemented a reusable Add-to-Cart CTA component for the homepage revamp within a one-week sprint, **eliminating UI coupling and jQuery state management**.

Mobile Engineer · Citesocial, Taipei May 2024 — Jul 2025

React Native / TypeScript / Redux Toolkit / Shopify GraphQL

- Refactored the codebase by migrating from JavaScript to TypeScript and upgrading React Native from version 0.64 to 0.74, which **decreased the app's bundled size** by 31% for iOS and 16% for Android.
- Rebuilt a new data flow architecture for critical features, including social login, shopping cart, and favorite product management. Integrated Redux Toolkit into the codebase by implementing async thunk actions and listener middleware, which **reduced duplicated business logic** and increased maintainability.
- Built a **CI/CD workflow with fastlane** and GitHub Actions to deploy iOS and Android apps, cutting release cycles from hours to minutes.

Backend Engineer · Foodpanda, Taipei Jun 2022 — Dec 2023

GoLang / AWS / Docker / SQL / Postman

- Launched a feature (add pro to cart) across Southeast Asia markets, which **increased the subscription conversion rate by 23%**.
- Led the architecture design for subscription benefits data CRUD, which improved the data management user flow and **resolved technical debt** of storing duplicated data. Performed unit tests and integration tests on key user flows to uphold a minimum code coverage of 70%.
- Won **first place in a company hackathon** focused on leveraging AI to improve business profitability, building a predictive model with Google Vertex AI trained on user metadata to identify subscription cancellation reasons, enabling the marketing team to make targeted retention decisions.

Contact

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Education

Monash University, Malaysia

Bachelor of Computer Science

Advanced Computer Programming

2019 — 2022 · GPA 3.8 / 4.0

Skills



Side Projects

Replyo

Designed and implemented an auto-reply bot for Threads that matches keywords and responds in seconds, saving operational time from manual replies.

Penguin Battle

A TypeScript and boardgame.io project aimed at learning how to build and deploy a turn-based web game using a framework-driven approach with SCSS styling and Netlify hosting.

Activities

Deep Dive Club Online

Active member of a 10-person **English-speaking discussion group** with members from diverse industries. Strengthening communication, critical thinking, and the ability to engage with different perspectives.

Pilates Tutor Training In-Person

Completed a **56-hour certified instructor training program** and gained hands-on teaching experience by serving as an intern tutor, independently leading a full class of students.