

Shu-Han (Alvin) Wang

Front-End Engineer

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🌐 [GitHub](#) | [LinkedIn](#) | [Portfolio](#)

📍 Taipei, Taiwan

ABOUT

Front-End Engineer specializing in **React**, **React Native**, and **Next.js**, with a strong track record in delivering **secure and scalable FinTech solutions**. Experienced in **leading cross-functional teams**, mentoring junior developers, and promoting **best practices in CI/CD, testing, and architectural design**. Passionate about collaboration, code quality, and continuous learning in both tech and life.

SKILLS

Core Technologies: React, Next.js, React Native, Redux (Saga / Thunk), Styled-Components

Testing: Vitest, Jest, React Testing Library, redux-saga-test-plan

CI/CD & DevOps: Jenkins, Webpack, Firebase, Nginx, ELK Stack

Real-Time & Backend: Node.js, WebSocket, PubNub, RESTful API

Legacy & System Development: C#, C++, UWP, C++/CX

Others: Firebase Analytics, OneSignal, Fastlane, Agile / Scrum

WORK EXPERIENCE

LINE Bank – Senior Front-End Development Manager

Feb 2023 – Present

- Leading development of secure FinTech applications using React, Next.js, Redux (Saga), Styled-Components, and Webpack.
- Ensured high code quality through Vitest, Jest, React Testing Library, and redux-saga-test-plan.
- Owned and maintained the [LINE Bank enterprise](#) website.
- Acted as task force leader, collaborating with designers, PMs, and cross-functional teams, and mentoring junior engineers.
- Worked closely with LINE Taiwan and Korea to deliver localized banking services.

LINE Bank – Front-End Development Manager

Sep 2020 – Feb 2023

- Developed core banking features (deposit, transfer, debit card, insurance) with React, Hooks, Redux (Saga), and Webpack.
- Integrated Firebase for behavior tracking and analytics.
- Mentored junior developers and drove architectural improvements in the web team.
- Collaborated cross-regionally with LINE Taiwan and Korea.

TripPlus – Front-End & React Native Engineer

Apr 2018 – Sep 2020

TripPlus iOS App

- Built and maintained applications with React Native, Redux Thunk, OneSignal, PubNub, and Fastlane.
- Implemented article sharing/editing, credit card search, flight search, chatbot, and push notification.

TripPlus Web

- Built web platform using React, Redux Thunk, Draft.js.
- Delivered features like article management, mileage storefront, and credit card comparison.
- Focused on RWD, performance, and brand-aligned UI/UX.

Mitake – Software Engineer

Jul 2015 – May 2018

- Developed a real-time stock trading platform using React, Redux-Saga, and WebSocket.
- Built behavior tracking dashboards and HR systems using React, Nginx, Bootstrap, and HLS.
- Created [Windows 10 UWP stock market app](#) with C#, XAML, Caliburn.Micro, integrating custom socket protocols.

Acer Inc. – Senior Project Engineer

Oct 2011 – Jun 2015

- Led Android projects including intelligent agents and location engines using Java
- Developed Windows Store apps (Acer Cloud Music, MemoryBinder) with C#, C++.
- Built desktop analytics and auto-test tools with C++, C#, ADK, WPF.
- Participated in the Scrum process and delivered across global product lines.

EDUCATION

National Taipei University of Technology

Master's Degree in Computer Science & Communication, 2009–2011

Thesis: Performance analysis of transmit diversity scheme based on relay-grouping for broadband cooperative communication.