

Ethan Hung

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Professional Summary

Cross-Platform Software Engineer & Team Leader with 12 years of experience developing mobile, desktop, and backend solutions for iOS, Android, Windows, and macOS. Specializes in IoT systems, hardware communication (Bluetooth, USB HID), RESTful API development, and backend architecture. Proven ability to lead cross-functional teams, set technical standards, and deliver scalable, maintainable solutions.

Experience

Good Way Technology Co., Ltd | Taipei, Taiwan

Software Manager

July 2025 - Present

- Leading the software department, managing cross-platform projects across mobile, desktop, and backend.
- Setting development roadmap, coding standards, and team processes to align technical solutions with business goals.

Deputy Software Manager

August 2023 - July 2025

- Managed a 6-member engineering team covering mobile, desktop, backend, and AI projects.
- Directed AI-driven PTZ camera system integration, making its debut at Computex 2025.
- Designed and deployed a firmware update tool compatible with the company docking products, reducing integration time by over 70%.
- Established USB HID protocol standards ensuring seamless device communication.
- Collaborated with the team on-site in France and Spain to resolve product issues and strengthen customer relationships.

Senior Software Engineer

September 2017 - August 2023

- Developed cross-platform IoT management apps for iOS & Android.
- Designed RESTful APIs with MQTT/WebSocket integration for real-time device communication.
- Developed Bluetooth BLE mesh networking application for IoT device provisioning and configuration.
- Created BLE mesh networking app for device provisioning and configuration.
- Built a Z-Wave SDK for smart home control, integrated into commercial applications.

AthenTek international Inc. | Taipei, Taiwan

Software Engineer

May 2016 - September 2017

- Built iOS (Swift, Objective-C) and Android (Java) apps for IoT tracking devices, supporting provisioning, live tracking, and Bluetooth proximity detection.
- Developed Python-based backend APIs for device data integration, optimizing transmission efficiency.

Nanhua University | Chiayi, Taiwan

Software Engineer

August 2013 - May 2016

- Developed frontend/backend systems for Taiwan Ministry of Education's Student Health Information System.
- Generated annual statistical health reports supporting educational policy analysis.

Education

M.B.A. in Business Management

Nanhua University

Sep 2011 - Jun 2013

Chiayi, Taiwan

B.S. in E-Commerce Management

Nanhua University

Sep 2007 - Jun 2011

Chiayi, Taiwan

Skills

Programming Languages: 🍌 Swift, 🍌 Kotlin, 🍌 C#, 🍌 HTML / 🍌 CSS

Tools and Frameworks: .NET, EF Core, Vue.js, Realm, Docker, Git

IoT & Protocols: MQTT, WebSocket, USB HID, BLE Mesh, Z-Wave

Databases: PostgreSQL, MySQL, RealmDB

Languages: Chinese (native), English (intermediate)