

# Nick Yang (Li-Cheng Yang, 楊立誠)

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## PROFILE

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I am a results-oriented software engineer with experience in iOS development [1], backend and frontend development, and software architecture design. As a team player, I am committed to improving team dynamics and building a positive and collaborative work environment. I am passionate about developing high-quality software that meets the needs of end-users.

## WORK EXPERIENCE

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### Trend Micro Inc.

Taipei, Taiwan

*Senior Engineer*

*Jun 2022 – present*

- Designed a scalable and reliable system architecture for job queues on AWS.
- Developed microservices using gRPC and Kafka on AWS for data processing.
- Led a new project in the blockchain team, shaping the product roadmap and aligning it with strategic goals.
- Researched and integrated open-source tools Mythril and Slither into our product, enhancing its capabilities.
- Mentored and conducted training workshops, empowering junior engineers and encouraging knowledge sharing.

### Shoalter Technology Ltd.

Taipei, Taiwan

*Senior Programmer*

*Oct 2021 – Apr 2022*

- Provided technical guidance to the iOS team, ensuring high-quality code and adherence to best practices. [1]
- Established development and code review guidelines, enhancing code quality and collaboration.
- Led code refactoring efforts and enhanced code readability in a 5-member team.
- Orchestrated Swift migration, achieving 86% coverage and streamlining development.
- Streamlined enterprise release processing, reducing the time by 90%.
- Collaborated cross-functionally, gathering requirements and driving successful project delivery.
- Led a study club of SwiftUI, encouraging continuous learning and knowledge exchange.

### Lubn Inc.

Tainan, Taiwan

*Senior Software Engineer*

*Jul 2018 – Sep 2021*

- Independently developed the 2nd version of the iOS app, employing MVVM and MVVMC architecture. [1]
- Introduced unit tests and API tests, ensuring code quality and reliability.
- Reduced deployment time by over 1 hour through CI/CD implementation with Jenkins, Docker, and Fastlane.
- Collaborated closely with the backend team to design robust and efficient APIs.
- Built a Progressive Web App (PWA) using ReactJS and Redux, expanding product reach. [3]

### AsianArk Technology Inc.

Taipei, Taiwan

*iOS Developer*

*Sep 2017 – Mar 2018*

- Designed code architecture and implemented outstanding UI in 1 month. [2]
- Established coding conventions and best practices for iOS team.
- Developed real-time chatroom feature using WebSocket.
- Developed live views using embedded WebView.

### Changing Information Technology Inc.

Hsinchu, Taiwan

*Software Engineer*

*Oct 2014 – Aug 2017*

- Developed Universal App, watchOS App, and static library. [1]
- Introduced storyboard and AutoLayout, enhancing UI design and responsiveness.
- Implemented Bluetooth unlock feature for iOS app.
- Designed and implemented RESTful API using Jersey.
- Developed event-based (iNotify) and polling algorithm for cloud-sync.

## EDUCATION

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### National Chung Hsing University

Taichung, Taiwan

*MS in Department of Management Information Systems. (CS)*

*2014*

*The member of Network Security Laboratory. [4]*

### Providence University

Taichung, Taiwan

*BS in Department of Computer Science and Information Management.*

*2012*

## SKILLS

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iOS, watchOS, Swift, Objective-C, Fastlane, Linux, C, Java, Bluetooth, ReactJS, Go, Python

## REFERENCES

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- [1] Latest App ([https://nick10811.github.io/latest\\_app/](https://nick10811.github.io/latest_app/))
- [2] Unpublished App (<https://www.beckydesign.com.tw/d9/index.html>)
- [3] Lubn Dashboard (<https://lubn.app>)
- [4] Publications (<https://nick10811.github.io/publication/>)