



Nguyễn  
Trường Lưu  
Senior Mobile Developer



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13/09/1989

Đà Nẵng

(+84) 913991814

truongluu10ha7@gmail.com

## About Me

- Senior iOS and Flutter developer with 10+ years of experience in mobile application development.
- Knowledge of software architecture and software design principles to build testable, maintainable, extendable and high quality mobile applications.
- Meticulous and professional working attitude, always prioritizing quality with careful attention to every detail. Ability to bring customer satisfaction by ensuring the software development process meets standards and principles.
- Friendly, sociable, willing to share knowledge with colleagues and contribute to the development of the company.

## Education



**Da Nang University of Science and Technology**  
**Software Engineer**

Aug 2009 - Jun 2014

## Work Experience



**iOS Developer**

Netbiz Company

*Jan 2013 - Dec 2015*

- Participate in the development, maintenance and deployment of iOS applications as an iOS Developer.



**Mobile Technical Lead**

Open Web Technology

*Jan 2016 - Now*

- 2016 - 2021: Senior Mobile Developer
- 2022 - 2024: Mobile Technical Lead Position
- Participate in the design, development, maintenance and deployment of high quality mobile applications.
- Ensure source code is readable, testable, maintainable, extendable through the application of standard software design principles and architectures.



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## Skills

iOS

Flutter

TDD

BDD

SOLID

CI/CD

Principles

Swift

Dart

Combine

SwiftUI

Leadership

Reactive programming

Software Architecture

Design Patterns

Clean architecture

Domain driven design

- Software architectures: Layered, Onion, Hexagonal (Ports & Adapters), Clean Architecture, Event-Driven Architecture and Service Oriented Architecture (SOA).
- Domain Driven Design (Entities, Repositories, Services, Modules, Bounded Context, Events, Domain expert, Domain model, Ubiquitous Language, Layered Architecture...).
- Object-oriented programming, Design Patterns (Creational, Structural, and Behavioral Design Patterns), TDD, BDD.
- Software design principles (SOLID, DRY, KISS, Law of Demeter, YAGNI, Boy Scout, composition over inheritance, high cohesion and low coupling).
- Flexibly apply and combine software architectures to develop testable, maintainable, extendable, platform independence, database independence, framework independence applications.
- Develop mobile projects from scratch and build templates for iOS and Flutter projects. (Planning to learn more about Android and Front-end development).
- Maintaining and improving code quality for many years old projects with poor code quality (Legacy code).
- Reactive programming (RxSwift, Combine...)
- Using static code analysis tools such as Sonar, SwiftLint, FlutterLint...
- Working with CI/CD tools such as Jenkins, Bitrise, and Azure DevOps...
- Applying auto-generate code tools to minimize boilerplate code and improve productivity.
- Communicate in English with foreign colleagues, both inside and outside of work
- Time management skills, communicate and work effectively in groups.
- Willing to learn new technologies and willing to participate in research tasks.
- Leadership ability in mobile projects and a professional and dedicated working attitude.



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## Projects



### **PICTET Project**

iOS app for managing personal customer accounts for PICTET private bank, a very famous bank in Switzerland

Role: iOS Developer

Responsibilities:

- Improve code quality
- Fix bugs



### **Aevis Doctor / Aevis Staff Project**

iOS app that manages work schedules for doctors and staff of the AEVIS hospital system in Switzerland.

Role: iOS Developer

Responsibilities:

- Analyze requirements, design source code
- Improve code quality
- Develop new features
- Code review
- Fix bugs



### **EMS Project**

iOS app promoting products and customer care for EMS, a famous dental equipment supplier in Switzerland

Role: iOS Developer

Responsibilities:

- Analyze requirements, design source code
- Improve code quality
- Develop new features
- Code review
- Fix bugs



### **SICPA Scanner Project**

Anti-counterfeit iOS scanner app for SICPA, one of the world's largest providers of anti-counterfeit security printing and money printing services.

Role: iOS Developer

Responsibilities:

- Improve code quality
- Fix bugs



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## Projects



### Medgate Project

iOS app for healthcare, communication between patients and doctors for Medgate, a very famous private medical service provider in Switzerland.

Role: iOS Developer

Responsibilities:

- Analyze requirements, design source code
- Improve code quality
- Develop new features
- Code reviews
- Fix bugs



### Aevis Doctor Project (Flutter version)

Flutter version to replace the previous native app for AEVIS.

Role: Senior Mobile Developer

Responsibilities:

- Analyze requirements, design source code
- Improve code quality
- Develop new features
- Code reviews
- Fix bugs



### Rolex Project

Flutter application for product promotion, customer care and customer surveys for Rolex, one of the leading watch brands in Switzerland.

Role: Senior Mobile Developer

Responsibilities:

- Analyze requirements, design source code
- Improve code quality
- Develop new features
- Code reviews
- Fix bugs

## Interests



Soccer



Reading



Networking