PROFILE

THINH LAI

Senior Mobile Engineer

Name: Thinh Lai Huy
Date of birth: Jan 2nd, 1991
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Linkedin: https://www.linkedin.com/in/thinhlai
Website: https://thinhlai.github.io/

- **13+ years of experience** in software development to deliver high quality, performance applications with Lead/Senior Engineer roles.
- **11+ years of experience** in Android development with Java, Kotlin, Android SDK, Jetpack Components
- **5+ years of experience** in IOS development with Objective-C, Swift, iOS SDK, UIKit
- **1+ years of experience** in Flutter development with Dart, Flutter SDK, BLOC
- Experienced in working with architecture patterns: MVVM, MVP, MVC, Clean Architecture, BLOC
- Experienced in working with REST API, Socket-IO, Bluetooth/NFC Connection, Mobile Persistent Storage, Mobile Testing, Mobile Security, CI/CD, Agile Development
- Enthusiastic to learn new technologies and adopt new skill-sets

RESUME

EMPLOYMENT

Hitachi Digital Services Vietnam — Dec 2020 - Present

Team Lead Mobile

Responsibilities:

- Build transportation iOS/Android projects, work as a team lead role to review code/task/progress, provide technical solutions, write technical documents
- Build a voice authenticator iOS application & OAuth 2.0 server by using Ory Hydra, SingularKey, Spring Boot
- Build a password manager Flutter application, use biometric storage to store security keys
- Build a vehicle accessory inspection iOS application by using SwiftUI

Technologies:

- Android:
  - Java, Kotlin, MVVM, Retrofit, Room, Realm, NFC Connection, Gitlab CI/CD, Fastlane, Unit tests, Multi-language support, Unit tests, Firebase, DataDog
- iOS:
  - Swift, SwiftUI, RXSwift, MVVM, Alamofire, CoreData, NFC Connection, Gitlab CI/CD, Fastlane, Xcode Cloud, Mocking bird, Unit tests, Appium (UI Automation Test), Multi-language support, Firebase, DataDog, TestFlight
- Flutter:
  - Dart, Flutter SDK, BLOC pattern, Dio, Get It, Clean Architecture, Biometric storage, Firebase, Build Plugins

VinSmart Research & Manufacturer Joint Stock Company — Jan 2019 - Dec 2020

Senior Android Developer

Responsibilities:

- Research & develop Security applications on VOS
- Experienced in building in AOSP (Android Open Source Project) development
- Custom UI/UX, fix issues in AOSP applications & framework/base
- Build android applications for stylus pen
- Build a VSmart browser by using Chromium open-source project
- Achieved the title of "Excellent Employee Award" of the year 2019

Technologies:

- Java, Kotlin, C++, AndroidX, RxJava/RxAndroid, MVVM, MVP, Koin, Persistence Storage, Jetpack components, Chromium, AOSP, NDK, Android Services

Sport Now Pte. Ltd — Feb 2018 - Dec 2018

Team Lead Android

Responsibilities:

- Build a sports social network application
- Work directly with CEO on new features, UI/UX designs
- Design, build, and maintain high performance, reusable, and reliable source code
- Responsible to discuss, propose ideas, design technical documents, give the best solutions in the product
- Work as team lead role to manage android team (Task, Timeline, Review Code)
- Research and apply new technologies

Technologies:

- Java, RxJava, MVP, Dagger, Socket-IO, SQLite, Fabric, Google Firebase, Retrofit, Mockito, Robolectric

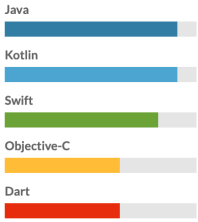
Free Range Technology — April 2014 - Feb 2018

Senior Mobile Developer

Responsibilities:

- Build patient & doctor android applications

PROGRAMMING LANGUAGE SKILLS



SOFT SKILLS

SKILLS

`Java` `Kotlin` `Objective-C` `Swift` `C/C++` `Dart` `Swift-UI` `Android SDK` `iOS SDK` `Flutter SDK` `MVVM/MVP/MVC` `BLOC` `Clean Architecture` `Hilt/Dagger/Koin/GetIt` `AOSP` `Chromium` `SQLite` `Room` `CoreData` `Realm` `REST API` `Socket-IO` `Firebase` `CI-CD` `Git` `SVN` `OpenCV` `OOP` `Design Patterns` `SOLID` `Sketch/Figma/AdobeXD`

- Build medical android applications that connect to ihealth devices via bluetooth
- Build a dating android application
- Involved in some iOS projects, Research & development the mini game with Swift language + SpriteKit framework
- Manage and review code for junior developers
- Breakdown and estimate new projects

Technologies:
- Java, Object-C, Swift, SpriteKit, MVP, MVC, Gradle Build Tool, Material Components, Google Map, Bluetooth Connection, OpenTok, Firebase Cloud Message, Robotium, Fabric, TestFlight, Mix Panel, Google Analytics, Android Volley, Retrofit, Butter Knife, Eventbus, Socket-IO, GSON, OpenCV, NDK, Signin/Signup with social apps (Facebook, Twitter, Instagram), Mockito, Robolectric

Working part-time
March 2013 - June 2020

Freelancer

Worked as freelancer and handle many outsourcing projects related to Mobile Development.
Self-developed apps from my ideas

Responsibilities:
- Build an ECG iOS application that connects to ECG measuring devices via bluetooth and displays realtime results
- Build an Android application for the clinic to create examination schedules, measure health parameters and record examination results
- Port the hospital's medical history system from web to Android/iOS applications
- Build a food ordering Android application for restaurants
- Build a system (web, android, ios apps) for university students to view scores and estimate average scores for grading/graduation
- Experienced in Web Development (Backend, Frontend), Google App Engine, Restful APIs for mobile
- Good communication with customers and ensure customer satisfaction
- Able to work independently

Technologies:
- Java, Kotlin, Object-C, Swift, MVVM, MVP, ECG SDK, Ihealth SDK, RxKotlin, RxSwift, Reaml, CoreData, Room, Bluetooth Connection, Android/iOS Custom Views, Draw graphs on mobile, DI - Hilt, Coroutines, Retrofit, Coil, Android Services, TestFlight, Firebase

Mulodo Vietnam Co,. Ltd
March 2013 - April 2014

Android Developer

Responsibilities:
- Build android/ios applications (e-commerce application) for buyers and sellers
- Write Restful APIs for mobile applications using CakePHP framework
- Experienced in Google Admod, Google Cloud Messaging (GCM)
- Familiarity with continuous integration (Travis-CI)
- Trained to config and manage web server with AWS (Amazon Web Service)
- Working with Japanese partners

Technologies:
- Java, Android SDK, MVP, SQLite, Android Volley, GCM, Travis-CI, Unit Tests, PHP, CakePHP, MySQL, Google Admod

Greensun JSC
November 2011 - March 2013

Mobile/Web Developer

Responsibilities:
- Participating in many different types of outsourcing projects (Android, iOS, Web Application, APIs)
- Experienced in Android & iOS SDK
- Experienced in web frameworks: SA-Struts, Play Framework, CakePHP, Joomla
- Experienced in web frontend (HTML, Javascript, CSS, jQuery, Ajax, Bootstrap)
- Experienced in cross-platform by using Appcelerator Titanium
- Familiarity with Java Programming, OOP, Design Patterns, SOLID
- Familiarity with Redmine, Backlog, Git, SVN, MySQL, SQL Server, PostgreSQL

Technologies:
- Java, Objective-C, Android SDK, iOS SDK, SA-Struts, Play Framework, CakePHP, Joomla, Appcelerator Titanium

EDUCATION

Industrial University of Ho Chi Minh City
September 2009 - October 2012

Engineer's Degree, Computer Science

GPA : 3.34 / 4 (8,2 / 10)
Graduated with distinction of ranking and got 3 academic achievements :
+ Awarded Achieving academic excellence of Industrial University of Ho Chi Minh in 2011.
+ Awarded "Sinh Viên 5 tốt" of Industrial University of Ho Chi Minh.
+ Awarded Graduation with Distinction of Industrial University of Ho Chi Minh.

CONTACTS

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