

Nguyen Ngoc Duy

Da Nang, Vietnam

☎ +84793333648 ✉ duynn100198@gmail.com 🌐 <https://www.facebook.com/duynn100198>

OBJECTIVE

My goal is to be an inspirational and passionate developer who can invent and innovate; also share and teach others in ways they can be as excited as I am about programming. Last but not least is a competent leader.

EDUCATION

FPT Polytechnic College of Danang

Aug 2018 - Apr 2021

Major: Computer Programming

Degree classification: Very good

SKILLS

Android	<ul style="list-style-type: none">• Architecture pattern: MVP, MVVM, MVI, RxRedux, FlowRedux.• Clean architecture• Languages: Java, Kotlin.• Asynchronous and Reactive programming: RxKotlin, RxJava2, RxJava3, RxAndroid, Kotlinx Coroutines Flow.• Functional programming: Arrow core (Either, Option).• Networking: Retrofit 2, OkHttp 3, Gson, Moshi, MQTT, Socket.io.• Local storage: SharedPreferences, Sqlite database, Realm database.• Image loading: Coil, Glide, Picasso.• Dependency injection: Koin.• Android Jetpack<ul style="list-style-type: none">• Room persistence, DataStore, WorkManager.• Navigation, Paging 3, AndroidX Startup.• ViewModel, LiveData, Lifecycles.• Unit test, mocking libraries (mockk), Jacoco coverage reports.• Firebase: Authentication, Firestore, Storage, Crashlytics, Analytics, FCM, Remote Config.• Google Map, Google Ads.• Gradle Kotlin DSL, Custom Gradle plugin.• CI/CD: Github Actions, CircleCi.
ReactNative	<ul style="list-style-type: none">• Common Component in ReactNative, basic animation.• Hook.• Languages: JavaScript, TypeScript.• State management: Mobx, Redux-thunk, Redux-saga, Redux-Observable.• Networking: XMLHttpRequest, axios.• Local storage: AsyncStorage, Sqlite database.• Asynchronous and Reactive programming: RxJS, Promise.• Firebase: FCM.• Unit test, mocking libraries (mockito), code coverage report.• Custom module android• CI/CD: Github Actions, CircleCi.
Flutter	<ul style="list-style-type: none">• Common widgets in Flutter, basic animation.• Clean architecture.• Languages: Dart.• State management: BLoC pattern (with RxDart/flutter_bloc package), ChangeNotifier, rx_redux.• Networking: Http, Firebase Firestore.• Local storage: SharedPreferences, Sqlite database.• Asynchronous and Reactive programming: RxDart, Stream, Future.

	<ul style="list-style-type: none"> • Firebase: Authentication, Firestore, Storage, Crashlytics, Analytics, FCM, Remote Config. • Unit test, mocking libraries (mockito), codecoverage report. • CI/CD: Github Actions, CircleCi.
Other	<ul style="list-style-type: none"> • Backend <ul style="list-style-type: none"> • Languages: TypeScript, JavaScript. • Node.js, Express.js, NestJS framework. • Mongodb, mongoose, Neo4J. • Rxjs, Redux, redux-observable. • Frontend <ul style="list-style-type: none"> • Languages: TypeScript, JavaScript. • ReactJS, NextJS framework. • Antd, Material Design component. • Basic HTML, CSS, Hook. • Rxjs, Redux, redux-observable, redux-object.

ACTIVITIES

FPT Polytechnic College of Danang	Jan 2019 - Dec 2021
<i>Leader Code4Fun Community</i>	
<ul style="list-style-type: none"> • Share knowledge and experiences at activities (weekly). • Participate in and support school activities and events. • Organizing seminars, sharing, contests, ... 	
Sun Asterisk	Jan 2019 - Dec 2021
<i>Mobile developer</i>	
<ul style="list-style-type: none"> • Develop several medium Android, ReactNaive and NextJs apps using Android SDK, Java/Kotlin and Redux, Mobx, TypeScript. • Maintain, fix bugs, migrate and update old apps. • Update technologies regularly. 	
Freelancer	May 2020 - present
<i>FullStack developer</i>	
<ul style="list-style-type: none"> • Develop several medium ReactNaive and ReactJS apps using Redux, javascript. • Maintain, fix bugs, migrate and update old apps. • Update technologies regularly. 	

HONORS & AWARDS

RESFES - IoT Showcase Contest Final Round	2019
Students are active in the outstanding movement - Summer Semester 2020	2020
Excellent academic record in the 1st round of 2021 - FPT Polytechnic College	2021

CERTIFICATIONS

ACADEMIC PREPARATORY ENGLISH Level 3 - Topnotch 2 as FPT POLYTECHNIC (380- 520 TOEIC)	2021
Professional Scrum Master™ I (PSM I)	2021

PERSONAL PROJECTS

1. Movie App (Android)	March 2020 - May 2020
<i>Fresher</i>	
<ul style="list-style-type: none"> • Source github: <ul style="list-style-type: none"> • https://github.com/olololoe110399/moviedb_mvvp 	

- https://github.com/olololoe110399/moviedb_mvvm
- Tech stack
 - Kotlin language
 - MVP , MVVM pattern
 - AsyncTask, DataBinding, RxAndroid, RxJava
 - Retrofit, Room Persistence, Gson Kotlin
 - AndroidX Startup
- Features
 - Display movies.
 - Display movie detail.
 - Search movie.
 - Favorite movie.

Lus App (Android)

Sep 2020 - Nov 2020

Junior

Source: <https://github.com/VTNPlusD/lus-android>

- Tech stack
 - Kotlin language
 - MVVM pattern
 - RxKotlin/Coroutines/RxAndroid, DataBinding
 - Retrofit, Room Persistence, Moshi Kotlin
 - Socket chat realtime
 - FCM
 - Work Manager, AndroidX Startup
 - Koin DI
 - CI/CD: CircleCi
- Features
 - Display idols
 - Display idol detail.
 - Search idol
 - Notification
 - Order idol
 - Add coin
 - Chat
 - Manager idol, user by web admin

Zahoo App (Android)

Oct 2021 - Otc 2021

Junior

- Source github: <https://github.com/VTNPlusD/Zahoo>
- Tech stack
 - Kotlin language
 - MVI pattern
 - Either core
 - RxKotlin/Coroutines/RxAndroid, ViewBinding
 - Retrofit, Room Persistence, Moshi Kotlin
 - AndroidX Startup
 - Koin DI
 - Firebase: Authentication, Firestore, Storage, Crashlytics, FCM.
 - Ktlint custom rule
 - CI/CD: CircleCi
- Features:
 - Authentication

ADDITIONAL INFORMATION

- Github:
 - <https://github.com/olololoe110399>

- <https://github.com/VTNPlusD>
- Facebook:
 - <https://fb.com/duynn100198>
 - <https://fb.com/groups/code4funcommunity>
- Bitbucket:
 - <https://bitbucket.org/duynn100198>
- Skype:
 - <https://join.skype.com/invite/u1zLVVbt5wGO>
- Email:
 - duynn100198@gmail.com
 - olololoe1001st2@gmail.com