# Duc, Ha Van

*Sr. Software Engineer,*
*Mobile Senior Developer,*

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## I. Self Introduction

Mobile developer with **7+ years** of experience. A pro-active, results-driven, customer-centered, articulate and analytical Senior Software Engineer. Proficient at designing, writing code in various languages, and feature development and implementation.

Have 7+ years of experience in software development and mobile development, release and support release **20+ Apps** to AppStore and PlayStore

Familiarity with the **Swift, RxSwift**, UIKit and design/architectural patterns (e.g. MVC, MVP, VIPER).

Understanding of Agile methodologies.

Excellent troubleshooting and communication skills.

Cross platform **Flutter**, React-native

## II. Education History

| 2013 – 2017 | Hanoi University of Science & Technology (**HUST**) <br> Hanoi, Vietnam |
|---|---|

## III. Skill

Over 7+ years experience in software development across multiple technology stacks from web/backend development to mobile development.

Main skill is **Flutter mobile development.** Also, I can code flutter cross-platform.

## Program languages

| Cross platform | - | **Flutter**, React native |
|---|---|---|
| Native code | - | **iOS** |
| Server | - | Express, Sails, Rails, Nodejs |
| Database | - | MySQL, MongoDB, Realm, SQLite, Firebase Realtime, Other local mobile database |

**Software Design & architecture**

- Experience and knowledge of software design methodologies, information systems architecture, object-oriented design, design pattern
- Experience and knowledge of micro services and event driven architecture.
- Experience and knowledge of some design patterns: MVVM, MVC, BloC.
- State management: **Getx, BloC (Cubit), Riverpod …**

**Cloud platform**

- Experience with Google Firebase. Other Azure, Amazon services.

**Management & Tools**

- Experience with Trello, Jira, Git and Git Flow…
- Experience communicating with Slack, Skype, Mattermost, workplace…

**Professional**

- Able to organize own workload effectively and prioritize tasks.
- Can quickly understand business requirements and then translate these into functional requirements.
- Can manage multiple projects in a fast-paced, deadline-driven environment.
- Be able to work independently or team-work efficiently.
- Adaptable and able to quickly pick-up new technology.

**Communication**

 **English**    Communicate via chat and read documents.

# IV. Working History

| | |
|---|---|
| 05/2019 - 04/2024 | Working at NEWWAVE SOLUTIONS JSC.<br><br>**Position**: Team lead, senior mobile developer (iOS, Flutter developer) |
| 09/2022 - 12/2023 | Techmaster việt nam.<br><br>**Position**: iOS Instructor |
| 09/2017 - 05/2019 | Working at Framgia Vietnam. Now Sun* inc.<br><br>**Position**: iOS Developer. |
| 06/2016 - 09/2017 | Internship at Framgia Vietnam.<br><br>**Position**: Rails (Back-end) developer |
| 01/2016 - 06/2016 | SUNNET COMPANY<br><br>**Position**: INTERN ANDROID DEVELOPER |

**10/2023 - 04/2024**

| | |
|---|---|
| Project | **Green Osaka management.** |
| Position | Mobile team Lead |
| Team size | ~13 member: 2 PM (1 Vietnam, 1 Japan), 2 Mobile Flutter, 6 Backend, 2 Tester, 1 Web client |
| Organization | Onsite |
| Duration | ~ 6 months |
| Job description | Management application of departments in the commercial area as well as employees working in the commercial area. |
| Technology & Framework | Restful API, FCM, Websocket, Calendar, Dynamic form.<br>  + Programming Languages: Dart.<br>  + Framework: Flutter, Bloc(Cubit)<br>  + Cloud: Google firebase, FCM<br>  + Tool: Jira, Git |
| Status | Developing… |

**06/2023 - 10/2023**

| Project | **Auction app -** Users can post and sell old items |
|---|---|
| Position | Mobile team Lead |
| Team size | ~6 member: 1 PM, 2 Mobile Flutter, 2 Backend, 1 Tester |
| Organization | Newwave Solutions JSC. |
| Duration | ~ 4 months (06/2023 - now) |
| Job description | Make 2 app buyer and seller<br><br>Buyer: Users can swipe a video that looks like tiktok to view a product then can make an offer.<br><br>Seller: Users can upload new products to the system. |
| Technology & Framework | Restful API, FCM, Social login, **In-app purchase, Websocket.**<br> + Programming Languages: Dart.<br> + Framework: Flutter, Bloc(Cubit)<br> + Cloud: Google firebase, FCM<br> + Tool: Jira, Git |
| Status | Developing… |

**09/2022 - 06/2023**

| Project | **Up-T Talk - Idol live stream in japanese**<br><br>The platform allows fans to talk with idols, shopping & selfie |
|---|---|
| Position | Project Manager |
| Team size | ~15 member: 1 PM, 5 Mobile Flutter, 4 Backend, 5 Tester |
| Organization | Newwave Solutions JSC. |
| Duration | ~ 1years (09/2022 - 06/2023) |
| Job description | Analyze and specify customer's requirement, Implement software requirement specification documents, software design specification documents. |

| | |
|---|---|
| | Estimate, plan, build base and develop application functions |
| | Control quality and Manage bugs |
| | Publish and upload app to store |
| Technology & Framework | Restful API, FCM, Social login, **In-app purchase, Agora SDK, Websocket** |
| | + Programming Languages: Dart. |
| | + Framework: Flutter, Bloc(Cubit) |
| | + Cloud: Google firebase, FCM |
| | + Tool: Jira, Git |
| Status | Release. |
| | + Fan's App: Android, iOS |
| | + Talent's App: Android, iOS |

**2021 to 09/2022**

| | |
|---|---|
| Project | Combination of apps for **idol club fans** in japanese. |
| Position | Sr. Software Engineer, Main code, Maintainer. |
| Organization | Newwave Solutions JSC. |
| Duration | ~ 1years |
| Job description | Working as key-member with main code and maintainer developer: upgrade application. |
| Technology & Framework | Restful API, FCM, Social login, **In-app purchase, Agora SDK** |
| | + Programming Languages: Dart. |
| | + Framework: Flutter, Bloc(Cubit) |
| | + Cloud: Google firebase, FCM |
| | + Tool: Jira, Git |
| Status | Developing + Release some versions |
| | XG Official Fanclub: Android, iOS |
| | Da-iCE CUBE: Android, iOS |

**2021**

| Project | **IOT application for auto repair.** |
|---|---|
| | This service requires the installation of a dedicated Doctor Link connector. The delivery and installation of the connector will be carried out at the automobile maintenance shop that provides the doctor link service. Please contact the car mechanic for service details. |
| | ■ It is a service that grasps the condition of your car through the equipment attached to the vehicle and notifies you of maintenance and inspection proposals at the optimal timing from your car maintenance shop. We support our customers' safe and secure car life by undergoing appropriate maintenance and inspections as necessary. |
| Position | Sr. Software Engineer, Main code, Maintainer. |
| Organization | Newwave Solutions JSC. |
| Duration | 2 months. |
| Job description | Working as a key-member with main code: Build and deploy applications. |
| Technology & Framework | Restful API, FCM, Social login<br>  + Programming Languages: Dart.<br>  + Framework: Flutter, River pod<br>  + Cloud: Google firebase, FCM<br>  + Tool: Jira, Git |
| Status | Release<br>Doctor Link: iOS, Android |

**2020**

| Project | **Maid app: Job search application for the elderly.** |
|---|---|
| Position | Sr. Software Engineer, Main code, Maintainer. |
| Organization | Newwave Solutions JSC |
| Duration | 6 months |

| Job description | Working as a key-member with main code: build and deploy applications. |
|---|---|
| Technology & Framework | Restful API, FCM, Social login. |
| | + Programming Languages: Dart. |
| | + Framework: Flutter framework, RESTful API with retrofit |
| | + Cloud: Google firebase, FCM, Bloc (Cubit) |
| | + Tool: Jira, Git. |

## 2020

| Projects | **DxRes: Real estate application.** |
|---|---|
| | Brokers can actively reach out to new projects and clients without having to be dependent on anyone. |
| | The app also allows them to streamline transactions, and nurture clients anytime, anywhere. |
| Position | Sr. Software Engineer, Main code, Maintainer. |
| Duration | 6 months |
| Organization | Newwave Solutions JSC. |
| Job description | Working as main code: implement module app. |
| | Create our own learning management system to develop the app's online courses |
| | Build an unique trading system |
| | Create a social media for real estate |
| | Build a continuous digital transaction system |
| | Create Play-to-Earn games |
| | Apply complicated technology platforms such as microservice, message queue, and container orchestration |
| Technology & Framework | Voice call, SMS, RESTful API, LiveStream, Map |
| | + Programming Languages: Dart. |
| | + Framework: **Stringee** (Call voice, SMS, call in app.), Flutter framework, RESTful API with retrofit, Bloc (Cubit), Google Map |
| | + Cloud: Google firebase, FCM |
| | + Tool: Jira, Git. |

| Status | Release |
| --- | --- |
| | Android, iOS |

**Other projects**

| Project | Join native projects: Livestream idol, Insurance app, Real estate app, clothes market, Education app, Music player. |
| --- | --- |
| Position | Sr. Software Engineer, Main code. |
| Duration | 3 years |
| Organization | Newwave Solutions JSC |
| Job description | Maintain, build and deploy applications. |
| Technology & Framework | + Main programming Languages: Swift<br>+ Framework: Wowza live stream, Socket io, Alamofire, Cocoapod.<br>+ Cloud: Google firebase, FCM<br>+ Tool: Jira, Git, redmine |
| Project | MQLive: Android, iOS<br>HFPlayer: Android, iOS<br>Smart school: Android, iOS<br>Orilab Market: Android, iOS<br>Kikyu: Android, iOS |

**2017 - 2019**

| Position | iOS Developer. |
| --- | --- |
| Duration | ~ 2 years |
| Organization | Framgia Vietnam/ Sun* inc. |
| Technologies | Programming Languages: Swift 3, Objective-C. |

| Project | 1/ Mobifone Next<br>Manage and recharge mobifone mobile phones<br>2/ Sync-Up<br>Application for managing part-time employees in Japan<br>iOS, Android<br>3/ The project communicates with iOT devices in the home. |
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