

Truong Minh Hieu

Flutter Developer

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Summary of Qualifications

- Software Developer Honor Graduate from University of Transport and Communication.
- Have about 2 years of experience developing mobile applications with Flutter.
- Successfully integrated numerous projects using Flutter as the primary framework. Built and maintained high-performance applications with aesthetically pleasing user interfaces on both iOS and Android platforms.
- Expertise in integrating APIs from various sources and efficiently managing the application state using libraries such as BloC, GetX, and Provider to optimize performance and tightly control the application's state.
- Have experience using many databases such as MySQL, SQL Server, MongoDB, SQLite, Shared Preferences, Hive,....
- Have experience submitting and updating apps on both Apple Store and Google Store.
- Knowledge about model architectures such as MVP, MVVM.
- Integrated with 3rd party services such as Firebase, Heroku, Onesignal.
- Knowledge about coding RESTful API with Laravel.

Work Experience

TMSC VietNam (8/2022 - now)

Flutter Developer

- Participate in coding layouts for various applications from basic to complex with Flutter based on Figma design.
- Contribute ideas and analysis to build the system, sharing knowledge among team members.
- Maintain code, upgrade features and responsible for updating new app versions on Apple Store and Google Store.
- Work and support team members about backend and services.

Education

University of Transport and Communication

Information and Technology (GPA: 3.3/4)

Technical Skills

Language: Dart, Java, PHP.

Frontend Platforms/Frameworks: Flutter.

Backend Platforms/Frameworks: Laravel.

Databases: MySQL, SQL Server, MongoDB, SQLite, SharedPreferences, Hive.

Services: Heroku, Firebase, AWS.

Developer tool: Visual Studio, Android Studio, GitHub, Figma.

Others: Trello, Redmine.

Projects

OvumB App: (8/2022 - 12/2023)

Description: An ovulation app contains 4 main features: Assisted reproductive technology, menstrual cycle management, pregnancy monitoring, baby care. The app provides reproductive support services such as using AI to analyze sLH and show results by line chart and using the calendar to track and save menstrual flow and daily body information. Analyze pregnancy and baby through daily data entry (month, milk, food, weight, height,...). The App also provides the store feature that allows users to buy the products easily and send notifications to users to track the order status.

Team size: 8

Role: Frontend Developer

Responsibilities:

- Participate in coding layouts for various screens from basic to complex such as Auth, Calendar, Chart, Scan and Store using Flutter.
- Participate in database analysis and support coding RESTful API using Laravel.
- Implement BloC Pattern to separate logical code and UI, easy maintenance and optimize performance.
- Using Dio to integrate RESTful API to UI screens like Auth, Calendar, Chart, Test, Store.
- Integrate AI model in test sLH feature with TensorFlow Lite library.
- Custom and implement object detection library with Kotlin and Swift to detect test tray.
- Analyze and design SQLite database to store local data and synchronized data to server when connecting to the internet. Optimize performance and user experience when offline.
- Implement store features in apps such as Store, Cart, Slider, Purchase, Voucher,...
- Implement onesignal to push notification to manage user's devices and measure user's activity.
- Submit the app and update new versions of the app to both App Store and Google Store. Support deploy BE to Heroku service.
- Integrate Firebase Cloud Messaging to push notification to users.
- Using AWS S3 to store the test's image and user's avatar.
- Maintain the code and optimize the app's performance.

Technologies Used: Flutter, Laravel, MySQL, SQLite, BloC, Heroku, Onesignal, Firebase, AWS, Git, Figma, Trello.

E-TMSC: (1/2024 - now)

Description: A human resource management and timekeeping application with 2 main modules: admin & employee. The system provides management functions for administrators such as employee management, creating posts and reviewing applications. For functions of employees. Such as check in, check out at the company's location, track calendar, send applications, book meeting rooms and assign task features.

Team size: 6

Role: Frontend Developer

Responsibilities:

- Participate in coding UI and flexible layouts such as Auth, Home, Calendar, Profile using Flutter.
- Participate in database analysis and support coding RESTful API using Laravel.
- Implement GetX + Go Route to state management and navigation management.
- Using the Geolocator library to get the current employee's position to check in and check out.
- Integrate APIs from BE side to show data into the app, handle the logic and data to view by table and calendar.
- Participate in coding some features like book the meeting room, assign the employee's tasks and exams.
- Integrate Firebase Cloud Messaging to push notification between users.

Technologies Used: Flutter, Laravel, MySQL, Shared Preferences, GetX, Heroku, Firebase, Git, Figma, Trello.

Insida: (12/2023 - 6/2024)

freelancer

Description: A real estate app like tik tok app with a wide range of functionalities from basic to advanced such as Auth with phone and email, view short video, posts, listings (comment, like, share), chat realtime, following, follower, multi language, notification, share to other platforms.

Team size: 15

Role: Frontend Developer

Responsibilities:

- Participate in coding layouts and integrate APIs to UI such as Auth (login, sign up), Profile (follower, following, view profile's posts and listings, switch account, update user's information,...).
- Build a variety of complex screens and components such as the Home and Profile screen with multi tabs.
- Participate in coding and integrate chat features using socket.io.
- Implement multi-language into the app.
- Implement Provider and Go Route to state management and navigation management.
- Maintain and fix bugs.
- Communicate with PM and BE members to execute functions.

Technologies Used: Flutter, NodeJs, MongoDB, Provider, AWS, Firebase, Git, Figma, Redmine.

Portfolio

<https://hieudc110501.github.io/portfolio/>