







LE BA TRONG


Android developer


 Sep 27, 1997

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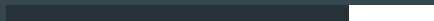
 Skype: batrong2709

OBJECTIVE

Android software system design and development are one of my passions, I want everything to be done through smartphones, so I would like to contribute my knowledge and abilities to develop better mobile device applications.

SKILLS

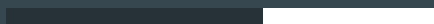
Android (Java)



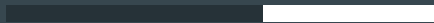
iOS (Swift)



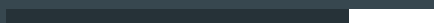
GitHub



OOP, Design pattern



Teamwork



English



HOBBIES

- Read technology books
- Music
- Volleyball
- Play game



EDUCATION

VINH LONG UNIVERSITY OF TECHNOLOGY EDUCATION

AUG 2015 - JUL 2019

Major: Software technology



CERTIFICATIONS

University of Information Technology certification. 2019

English level A2 certification. 2019

Vocational practice skill certification level 3/5. 2019

Photoshop certification. 2017

Informatics application-level A certification. 2016



WORK EXPERIENCE

ALO360 COMPANY

SEP 2020 - FEB 2022

Android developer

- Development of applications for smartphones, smart TVs, and advertising screens.
- App updates for ALO360 on Google Play Store.
- Deploy and support customers using the application.
- Integrate separate modules and use NDK to automate the process of managing devices such as AI cameras, setting scheduled shutdown times.

1BYTE SOFTWARE COMPANY

AUG 2019 - JUN 2020

Android developer

- Work with external APIs and data sources.
- Develop Android app with Google maps API, Google API, firebase, etc.
- Experience in OOP, design pattern, MVC, MVP.
- Know knowledge of iOS and have developed iOS apps in Swift language.

VIEN NHA SOFTWARE COMPANY

DEC 2017 - MAY 2018

Android intern

- Gain experience and knowledge about Android programming.
- Developing hotel booking application using Socket IO.



PROJECTS

Overview

- Use Google firebase, RESTful API, Map APIs, Google AdMob, multi-threading, multi-screen, OOP, singleton design pattern, android room, SQLite, Realm database, Socket IO, etc.
- Several 3rd-party libraries: Retrofit, Volley, Gson, Glide, Lottie, etc.
- Custom View Components.
- Publish apps to Google play store.
- Manage source code with Github.
- Task management with Trello, Basecamp3.
- Use the NDK for the application to directly manipulate the discrete modules.
- Use IDE and tools like Android studio, Gitscm, Postman, Figma, etc.

1. Remote Aloloader

Language: Java.

Architecture: MVP, singleton design pattern.

Local database: Realm.

Technology used: Restful API, Google firebase.

Description: Manage and control devices using the Aloloader app directly with your smartphone.

Google play store:

<https://play.google.com/store/apps/details?id=com.alo360.cmsaloloader>

2. Aloloader - CMS smart TV devices and advertising screens

Language: Java.

Architecture: MVP, singleton design pattern, native C++.

Local database: SQLite.

Technology used: Restful API, Google firebase, android room, NDK.

Description: Play video and photos on demand from the server, schedule the device on-off, divide the layout according to the server, integrate Vantech's AI camera for customer statistics.

Google play store:

<https://play.google.com/store/apps/details?id=alo360.vn.aloloader>

<https://play.google.com/store/apps/details?id=alo360.vn.aloloadertv>

3. Memories Love - Preserving memories of love

Language: Java.

Architecture: MVC, singleton design pattern.

Local database: SQLite.

Technology used: Android room, Google firebase, AdMob.

Description: The application stores anniversaries, photos, and schedules of couples and backed up data via firebase.

Google play store:

<https://play.google.com/store/apps/details?id=com.sbp.preservelovememories>

4. Life24h Family Locator Free

Language: Java.

Architecture: MVP, singleton design pattern.

Local database: SQLite.

Technology used: Google firebase, Google Maps API.

Description: Real-time app sharing family member information, texting family members, creating a safe zone and will notify all family members if leaving or entering that safe area, signaling an emergency if assistance is required.

Google play store:

<https://play.google.com/store/apps/details?id=com.family.life24h>

<https://play.google.com/store/apps/details?id=vn.james.sharelocation>

5. Tasks Management

Language: Java.

Architecture: MVP, singleton design pattern.

Local database: SQLite.

Technology used: Restful API.

Description: Manage projects, assign tasks, manage their time and create discussions.

6. Binan Utility - Real-time volatility notifications

Language: Java.

Architecture: MVP, singleton design pattern.

Local database: SQLite.

Technology used: Restful API, android room, AdMob.

Description: Real-time application that reports the fluctuations in the 24-hour percentage growth of coins on the Binance exchange.

Google play store:

<https://play.google.com/store/apps/details?id=com.james.binanutility>

7. English learning

Language: Java.

Architecture: MVP, singleton design pattern.

Local database: SQLite.

Technology used: Restful API.

Description: Application to listen to English lessons from the server and displays lessons that users can read according to their listening time.

8. Monitor Data Backup

Language: Swift.

Architecture: MVC, singleton design pattern.

Local database: Realm.

Technology used: Restful API.

Description: The application displays information backed up from the target app. Some information is backed up such as messages, location, etc.