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DANH NGUYEN

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STRENGTH

Summary:

- 4 years in Mobile developing with 3 years in Android platform.
- Experience in building application from scratch to google play store.
- Experience in using common Android plugins such as: ButterKnife, Dagger2, RxJava, Retrofit2, Picasso, Mockito, Roboelectric, Espresso...
- Focusing on app optimization for having the best performance, also applying flexible architecture, well-known design such as MVP, MVVM, Dependency Injection....
- Also have experience on developing server side with Ruby on Rails, Photon ... and other platforms such as Game (Unity3d), iOS so I can understand the whole system when building an application: how client side work, server side work, how they communicate with each other, what are behind the scene...

EMPLOYMENT

Senior Android Dev - Team Leader

FPT Software

Summer 2016 - Now

- Maintaining DirectTV Project. This is application about entertainment allowing people watch TV on their phone.
- Build CapitaStar app. It is the multi-reward program with the largest mall network in Singapore!

Android Freelancer / Rails Dev

Spring 2016 – Summer 2016

- Working in freelance projects.
- Studied Android developer Nano Degree course at Udacity website.
- Completed Ruby on Rails course in CoderSchool.vn for 2 months with 4 demo projects.

Mobile Application Developer

PlayFury PTD LTE

Spring 2015 – Spring 2016

- Help to build Business Financing app for website www.newunion.sg for both Android and iOS platforms.
- Maintaining, Bug fixing, implementing new features for GDine App – An application for ordering food and drink in restaurant.

Mobile Game Technical Leader

PlayFury PTD LTE

Fall 2013 – Spring 2015

- Made 2D Games from the scratch.
- Made Online Real-time casino game with Photon Server.

Android Dev

TMA SOLUTION

Summers 2012 – Fall 2013

- Created a variety of different custom Android applications from conception to implementation phase.
- Collected requirements from client and transferred ideas back to team.

TECHNICAL EXPERIENCE

ANDROID:

- **Ryolive** (2016). give people an interactive livestream experience. Get upclose, personal and live with their favorite artist, athlete or actor....
 - **Feature technologies:**
 - Play stream video on each recycler view 's cells with smooth animation when scrolling, swiping...
 - Re-authentication, caching and updating data via REST web service with RxJava and Retrofit2.
 - Recording video for replaying or uploading to Amazon server and compatible with multi devices.
 - **AppLink:** <https://goo.gl/qQotvH>
- **CapitaStar** (2016). It is the multi-reward program with the largest mall network in Singapore!
 - **Feature technologies:**
 - Recognizing shape of image, text inside image via phone camera using OpenCV, BlinkOCR.
 - Generating QR Code / Bar Code.
 - Capturing Image, image processing such as: cropping, rotating, compressing...
 - Working with a lot of complex UI with rich components such as ViewPager, RecyclerView, Toolbar, Appbar... inside one screen.
 - Experience with using fragment for content re-used and dynamic content.
 - **AppLink:** <https://goo.gl/hzf0G4>
- **DirectTV** (2016). This is application about entertainment allowing people watch TV on their phone.
 - **Technologies used:** this is maintaining project so my almost time spent for bug fixing.
 - **AppLink:** <https://goo.gl/gi1aR3>
- **Daily Mail Feed** (2016). Open Source Project for displaying news from VnReview web via RSS Feed.
 - **App Link:** <https://goo.gl/rZWJ7>
 - **Feature technologies:**
 - MVP Architecture.
 - Material Design.
 - Unit Test with RoboElectric, Mockito and Hamcrest.
 - **Technologies used:** Retrofit2, Dagger2, RxJava, RetroLambda, Mockito, Roboelectric, Hamcrest, Picasso, Recycle View, Card View...
- **New Union** (2015): Business Financing Application. It helps businessman to seek funds and also investor to invest money in listed fund in exchange for a commission.
 - **Web Link:** <https://www.newunion.sg>
 - **Technologies used:** Retrofit 2, Picasso, Content Provider, Recycle View, Card View.
- **Somovui Social Entertainment** (2015): It is social entertainment app for humor content. User can publish stories, photo, video, join discussions with community and make friend also.
 - **Technologies used:** Facebook API, YouTube API, Google Admod, GCM, Push notification, Recycle View, Card View.
- **Thanh Nien News** (2014): The official application of ThanhNien Newspaper that provides the latest news, updated 24 hours a day. My responsibility is to trace memory leak and performance issues in this application.
 - **App Link:** <https://goo.gl/8CYUxe>

- **Technologies used:** Memory Tracker, MAT, HPROF Viewer.
- **Anti-Malware**(2015) list down all applications that required any permissions that may cost you money. Alert you every time you install a new application.
 - **App Link:** <https://goo.gl/Rvh02j>
 - **Technologies used:** Notification service, Task Running, Broadcast Receiver, Admod API.
- **SOS Tools** (2014): Send emergency SMS to your friend or family by one click only.
 - **App Link:** <https://goo.gl/M2FM8Z>
 - **Technologies used:** Location Service API, RxJava, RxAndroid.
- **BusVN** (2013): An application to help people find bus routes between two locations by Bus.
 - **Feature:** Find shorted path with minimum route from A to B, Find Bus Station around your location, History of search results...
 - **Technologies used:** Quad Tree, Google Map API, Google Place API, Location Service API, SQLite

iOS:

- **New Union** (2015): Business Financing Application. It helps businessman to seek funds and also investor to invest money in listed fund in exchange for a commission.
 - **Web Link:** <https://www.newunion.sg>
 - **Technologies used:** Swift 2.0, Auto Layout, cocoapods, Alamofire.
- **Code4Kids** (2015): A mini game to guide young people to get familiar with programming in very first steps.
 - **GitHub Link:** <https://github.com/tiny-coders/EAHackathon>
 - **Technologies used:** Swift 2.0, Auto Layout, cocoapods, spec.

Ruby on Rails:

- **Finding Interesting Place** (2016): is a Ruby on Rails web application that allows users to view, create and find interesting place to go out with friends at the weekend.
 - **Demo Link:** <https://cs-interesting.herokuapp.com/search/index>
- **Harry TicketBox** (2016): is a Ruby on Rails web application that allows users to create and buy tickets to cool events.
 - **GitHub Link:** <https://github.com/harry-nguyen-88/HarryTicketBox>
- **Harry Restaurant** (2016): is a Ruby on Rails restaurant website to let user order foods.
 - **Demo Link:** <https://harry-restaurant.herokuapp.com/>
- **MyTestBlogApp** (2016): is a Ruby on Rails blog application
 - **Demo Link:** <https://nameless-stream-83169.herokuapp.com/>

GAME:

- **Suzy Zombie** (2014). Choose your favorite Sushi then using them to kill Zombies. 2D Casual Game.
 - **Game Link:** <https://goo.gl/IgiDYQ>
 - **Technologies used:** Unity 3D, Unibill, Facebook API...

- **Super Poker** (2015): Real-time Poker game.
 - **Game Link:** <https://goo.gl/wOsKNB>
 - **Technologies used:** Unity 3D, Facebook API, Unibill, Photon Socket Server.
- **MineMania** (2013): 2D Match Three game.
 - **Game Link:** <https://goo.gl/IW1l6T>
 - **Technologies used:** Cocos2dx framework, JNI, Facebook API, Web Service...

EDUCATION

- Bachelor of Software Engineering in University of Information Technology
- Android Developer Nanodegree certificate from GDG VietNam.
- Android Development Certificate at TMA Solution Training Center.
- Studied Google Nano Degree course online at UDACITY.

HONOR

- Hackathon Zalora 2015 - **Special Prize:** “Math war” game. *Demo Link:* <https://goo.gl/xQVV2g>
- WowzApp 2012 Hackathon – **Incentive Prize.** *Link App:* <http://bit.ly/Rzyk4N>
- FPT F-Store 2010 – **Encouragement prize.** *Demo Link:* <https://goo.gl/knWxwj>