

Ho Chi Minh City, Vietnam

Phone: (+84) 973-554-997

Email: tieuhauvn@gmail.com

Github: <https://github.com/nphau>

Medium: <https://imstudio.medium.com>

LinkedIn: <https://www.linkedin.com/in/nphau>

Skype: nphau.itus



Phuc-Hau NGUYEN

Software Engineer Lead

KEY SKILLS

- 5 year's experience in Android: Clean Architecture, Kotlin, JetPack.
- 1 year's experience in Leader: Mobile Team Leader
- Technical stacks: OOP, SOLID, Functional Programming, Android MADs, JetPack, FireBase, Facebook, Youtube, Twilio, RxJava, CI/CD (Fastlane), Packaging (Github, GitLab), State-Machine, Clean Architecture, React-Native, Python (Flask), NodeJs, Angular, DevOps, Swift, TypeScript.
- Experience in reviewing other developers' solutions and code, mentoring, training or supervising others, proactive, professional and able to deal with people at all levels.
- Experience with Agile development methodologies (Scrum, Jira)
- English fundamental, positive, can-do attitude, person centred approach, good communications skill (TOEIC 675)

WORK EXPERIENCE

FUTA Group — *Ho Chi Minh City, Vietnam*

10.2020 - PRESENT (Mobile Team Leader)

- Lead the engineers and working team members from other disciplines to discover, test and develop solutions to achieve product, business and technology goals.
- Work closely with the Product Owner and UX/UI Designer, Backend to design workflow, payload, collaborate with other team members to define the internal processes and initiatives to help the company accomplish its mission.
- Provide a solution for in-house App using React Native.
- Provide a solution for offline applications using FireBase, ROOM.
- Provide a solution for multi-platform using KMM, React Native.

- Learn new technologies, languages, and techniques in order to adapt to the evolving needs of our products.
- Sharing knowledge with lots of seminars: Kotlin + MVVM, State Machine, Mobile team vision, MoMo/ZaloPay integration, Angular, Android MVVM.
- Interview potential consultants to ensure all on-boarding employees will be successful in the Android domain.

12.2018 - 10.2020 (Senior Android Engineer / Architecture)

- Decide which technologies are going to be used, build core modules, reusable code and libraries used for all FUTA ecosystems with Clean Architecture, MVVM.
- Integrate with CI/CD (fastlane), jenkins, google drive, code quality control with Sonarqube, firebase crashlytics.
- Do code reviews, manage member tasks with JIRA, stand-up meetings (6 members), build up a mobile team strong, productively, and mentor junior members via pair-programming.
- Define workflow and build payment-sdk to integrate with 3rd party: MoMo, ZaloPay, VnPay, Napas, AirPay.
- Build background service to get the location of drivers when they have their trips, keep the service on with runtime permission.
- Optimize map service, reduce cost when drawing polyline routes, increase performance when user typing text to search location in edit text.
- Increase crash-free report from **90.1%** to **99.95%**, reduce startup time from **2s** to **155ms** by refactoring from MVP to MVVM with Clean Architecture, optimize legacy code, apply Flow, RxJava, UnitTest (JUnit).
- Build new booking algorithms, optimize large data sets with Sequence (replace Collection), reduce frozen frames when get infinity list in home page (remove call-back hell).

KYMDAN — *Ho Chi Minh City, Vietnam*

01.2018 - 12.2018 (Android Developer - Seasonal)

- Worked with the backend team to build a mobile e-commerce application.
- Designed application architecture: MVP, Rx, Retrofit, Glide, Dagger 2, Realm.
- Provided feedback UI/UX design to develop the app.
- Joined with BA to define business use case, workflow for e-commerce applications.
- Worked closely with the Head of IT Department, reviewed business requirements, site analytics and functional users stories for feasibility and technical estimation and site planning, developed solution architectures aligned with them.
- Provided technical advice and consultation on difficult analysis and programming problems that require advanced techniques, participate in systems development and maintenance.

ECDC — *Ho Chi Minh City, Vietnam*

08.2015 - 12.2018 (Android Developer - Full Time)

- Built up an SDK for the games based on C/C++ store sensitive information, integrated with Unity, Cocos.
- Worked with China teams by using English, helped them integrate Game SDK, monitored their feedback for problems and proactively scheduled resolutions.
- Applied, training modern android architecture: MVP, RxJava, Retrofit, Glide, Dagger 2, Realm for the team (2 members), managed workload by using gitflow, trello, slack (communication).
- Guided to use Zeplin for UI/UX design, deployed, maintain server, high scale.
- Collaborated with cross-functional teams to define, design, and ship new features to society.
- Provided post-implementation maintenance and support.
- Deployed passport user management website by using Angular2.
- Proactively worked to analyze and resolve production problems in a timely manner. Assess and resolve end user service requests. Contribute to continuous improvement processes including identification of root cause and corrective actions

MOVAD Start-up — *Ho Chi Minh City, Vietnam*

01.2016 - 01.2018 (Android Developer - Seasonal)

- Evaluated and implemented new systems and infrastructure with Android MVVM (JAVA), DataBinding, RxJava.
- Built up solution to delivery application in fastest way.
- Team management, product quality control with SCRUM.
- Designed system architecture: firebase, microservices
- Public apps: Web: movad.vn | App: *vn.movad.passenger*, *vn.movad.driver*

SELAB — *Ho Chi Minh City, Vietnam*

01.2015 - 08.2015 (Game Unity Developer)

- Worked with foreign team in Dubai - UAE, used Unity to build the game and follow customer gameplay.
- Build 3D shader, high-quality 2D/3D from scratch.
- Daily meeting per night, daily report to team lead.
- Implemented new features, built up farmer simulation game using C#.

SIDE PROJECTS

MacCum - Senior Android Developer (2020)

- Ice-fishing-specific sonar for Canada customers.
- Connected to hardware by using C/C++.
- Built so files, embedded code to manage camera: took image, record video.
- Optimized speed, tracked crash log and users activities.
- Worked directly with customers by email and skype.

EBOOK Reader, My Quotes - Fullstack developer (2019)

- Make google admob for the app, convert MVP to MVVM.
- Help people save, see, share beautiful images, live wallpapers
- Delivered Android to store.
- Built back-end with NodeJS based on MySQL (Maximum 10 tables)
- Built front-end with Angular: With FireBase, with NodeJs.
- Built docker, setup service with digital ocean.

CATHOLIC CHURCH — Team Leader (2019)

- Work as PM, build an social network connect young Christian
- Managed 4 members in a team with SCRUM: backend (NodeJs), iOS (Swift), android (Kotlin), Dashboard (Angular)
- Delivered Android, iOS to store.

PHAT CON VINA KOREAN — Team Leader (2018)

- Worked as a team leader: 4 members
- Product owner: Android, Nodejs Backend, Angular2 Front-End, MySQL.
- Built an website, ios, android app with ReactNative
- Applied new technology, change from ASP.NET to PHP

HCMC COMMUNIST YOUTH UNION — Congress X (2017)

- Built up the app for HCMC Communist: Congress X, statistics, event tracking within 1 month and 3 members.
- Served for 500.000 users at the same time.

QUALIFICATIONS

UNIVERSITY OF SCIENCE, HCMC VIETNAM — *Bachelor of Science*

09.2013 - 09.2017

- Top 25 good students in class.
- Very Good Degree Honor program of Information Technology
- Subjects: Maths, C++, Data Structure, Network, OOP, Start-Up, Algorithm, Project Management, Mobile Development, Database, Researching, ...

07.2015 - 09.2015 - Android Developer Certificate

- Java, Metwork, Architecture, REST, Media, Sensor, ...
- Android development process, google play release plain.

03.2021 - React Native Developer Certificate

- Completed 5-week training: React Redux Saga, Async, Await, Promise.
- Built React Native iOS / Android applications with clean code.
- Learned how to implement clean, modern, smooth animations and transitions that provide an excellent user experience.
- Integrated third-party API's, released applications to the stores.

edX — *Please take a look at my LinkedIn*

Coursera — *Please take a look at my LinkedIn*

BUSINESS STARTUP SUPPORT CENTER (BSSC) — *Startup Leader*

12.2015 - 01.2016

- Entrepreneurship, Business Model, Business Plan, Small Retail, LeaderShip, Economics, Law, ...
- Build MVP, principles, build Scrum team, apply agile.
- Business Model Design, kick-off with investors.
- Owned a start-up with 5 months of life.

FMIT — PMP (Project Management Certificate)

04.2019 - 12.2019

- Integrated management.
- Managing requirements
- Time management.
- Cost management.
- Quantity management.
- Resource management.
- Media management and Related people.
- Risk management.
- Managing bids

AWARDS & SOCIAL ACTIVITIES

- Global Cybersoft (Vietnam) JSC Outstanding Student Scholarship 2015.
- KMS (Vietnam) Outstanding Student Scholarship 2016.
- Microsoft Virtual Academy Certificates 2015.
- Microsoft Student Partner 2015 - 2016.
- Developing Android App with Kotlin Udacity (2018-2020).
- Facebook Hackathon 2016 (RMIT University HCMC):
 - Winner Most Innovative Product.
 - Runner Up Best Social Product.
- Team Leader of Design Studio HCMC.
- Project Management Fundamentals 05.02.2021 (FMIT).
- The Secretariat of HCMUS Vietnam National Union of Students 2013 - 2015.
- Technical blog: <https://imstudio.medium.com>.

COACH & OTHER SKILL

- Android Coach at Kmin Education 2015-2017 (40 students).
- Android, Java, Kotlin Coach at Funix University from 01.2019.
- C# (1 year), Angular (1 year), Nodejs (expressJs, mySQL) (1 year), devOps: nginx, apache2, wordpress (1 year), React-Native (1 year), Flutter.

HOBBIES AND INTERESTS

- Project Management, Software Architecture, Business Model.
- Blockchain, AI, Fintech, Health care.
- Reading, Cooking, Photography, Sharing.
- Stock, Invest.