

HUA CAT LUONG

Senior Mobile Engineer

About me

As a highly skilled and experienced React Native developer, I have designing, implementing and publishing multiple mobile applications of several high-profile apps. I am an enthusiastic and dedicated Mobile Engineer with a passion for creating innovative and engaging mobile apps. I'm excited to bring my skills and experience to your organization and contribute to the success of your mobile initiatives.

Working Experiences

- **Postpay** - (02/2022 - 12/2022)

Postpay is financial service that slice your payments into 3. No interest, no fees.

Purchase experiences:

- Integrate Apple Pay to provide another easy and secure way to make payments
- Automated the payment by introducing the recurring payment
- Managed a process re-engineering help user browsing the app without log-in generate more conversion rate and implement the Biometrics for log-in
- Created many custom hooks eliminated 15% of duplicate codes by increasing the reusability
- Dynamic payment flow with high security and achieve PCI-DSS using GraphQL for Back-end
- Redesign search and suggestions algorithm in-app doubled the user's interaction
- Build pixel perfect UI, smooth animation and adaptive layout for all devices
- Self-taught Python and Django framework and help in the Back-end
- Solid understanding of the full mobile development life cycle for both iOS and Android and Javascript fundamental
- Defined and hosted the Scrum's meeting to evaluated, prioritize tasks

Development environment:

- Build and Improving CI/CD with specific build rule for development and production environment with group notifications alert on the build
- Design a new build procedure cut half of the time for reinstallation. Therefore, save 50% budget for building

- **MoMo** - (03/2019 - 02/2022)

The only Vietnamese Fintech company in "Top 50 leading companies" 2019 Fintech 100 - Leading Global Fintech Innovators. The rise of Super App all in one application leading mobile e-wallet and over-the-counter (OTC) remittance and payment platform with over 20 million users and hundred of services.

- **Introduction:** Developed using React-Native and adopt the latest technique to build the super-app, help reducing size, loading time and update features in real time, users always experiences the latest version without having to update on App Store/Play Store. Further more, the app can offering various services under one roof

Map bank:

- Guide the group of junior and introduced them to the flow of mapping bank
- Involved in the process of upgrading and revamping to the Super-app
- Managed the map bank flow that can be connected to more than 40 banks. This service will be downloaded when when needed to reduce app size
- Design a dynamic flow and UI that unique for every banks, works with in-app or communicate to bank web-view. Giving user endless of way to map bank, enhance the consistency throughout the app but still remain the flexibility
- Required fields, regex, length, text, icon, rule.... are configurable, can be modified and changed in real time for each banks. Therefore reducing time to add new bank or apply changes
- Contribute to the solution for 24 hours sync rule, get new config after every 24 hours or right after the config has been changes help increasing speed and minimize data usage.
- Using the latest Napas 3.0 that has been granted PCI-DSS certificate. Now payment with MoMo is seamlessly and well-protected
- Good analytics skill, provide feedback and ideas to improve user's engagement and satisfaction
- Working with complex algorithms, advance search in-app



Info

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Languages

Vietnamese

English

(Full Professional Proficiency)

Skills

Programming languages:

Javascript, Python, Swift, Dart, Typescript, Nodejs, MySQL, Html

Frameworks & Services:

React-Native, Redux, Saga, Realm, Firebase, React JS

Tools:

Gitlab, Github, JIRA, Xcode, Android Studio, Trello, Firebase

Softskills:

Communication, management, self-learning, inovative, problem sovling, scrum master

Hobbies

- Love playing Piano, Guitar, Drum... other music instruments and listening to music
- Traveler, bike touring around Vietnam and hanging out with friends

Ekyc, Face matching recognition and verify account:

- Create bridge to communicate with partner SDK for scanning documents and face capturing with flexible options helps using the SDK easier and smoother for both Platform iOS and Android
- Developed Ekyc solutions for banks (TP, VCCB,...) to verify users for creating bank account on MoMo in less than 5 minutes therefore increasing map bank rate and boost sales on Platform
- Design an Ekyc flow that adaptable, easy to use and return captured documents details and multiple face angles and plenty of useful data to verified user and prevent fraud or identify theft
- Researching In-house Face-sdk using Google MLKit Facial Recognition
- Configurable settings for Face Recognition can be change and update in real time

CI/CD:

- Build an continuous integration, continuous delivery, and continuous deployment help speed up the building, testing and deployment process
- Set up an local runner CI/CD automatically pick up command from Git commit message, run ESLint before build to check syntax, find problems, enforce code style and start building then upload to cloud for downloading
- Capture the response and send group message build status, download url

- **KPMG** - (08/2018 - 03/2019)

Working with one of the big four in audit industries that start adopting technologies and out sourcing globally

BMW Vantages:

- Introduction: Description: Develop a Customer service application for BMW, a German multinational company producing automobiles and motorcycles.

- Apply advance technologies OCR text recognition to capture BMW dashboard odometer, remove the hassle of typing the keyboard
- Develop an Anti Hacking Keyboard that randomize keyboard layout to prevent hacking and peeking, provide maximum security for clients
- Google analytic helps tracking number of active user. Therefore, provide better vision on the business development

Personal Project

Catalee:

- Introduction: I can work independently. This my personal project, a boilerplate for React-Native packed with tons of features and latest technologies and well architected, help initing a new project faster. The app also come with a very detail document and instruction.

Catalee's documentation: <https://catalee.netlify.app>

Catalee for Android: <https://play.google.com/store/apps/details?id=com.dealcatcher>

- Support multiple languages, light & dark theme
- Remote config let you customize business logics, layouts,... and apply changes in instants
- Details Documentations and instructions
- Support code push
- Lots of Reusable Components with high performance and animations
- Deeplink supported
- Multiple businesses (Currently support deals, vouchers, and rentals)
- Codepush applied

Education

- **TAFE SA** - (2015 - 2018)

Getting familiar with iOS Swift on Xcode, Android Studio and other basic programming languages.

Bachelor of Software Development - TAFE SA • Worked on 2 Projects:

- The SPS project: Design an app let students have a quick access to their study plans and time table for the whole course. I was responsible for designing on iOS and helping other Java student
- Tafe's Buddy: An app that would replace Tafe's website, inherit al website's functionality and able to run on iOS and Android. I'm the leader, presenter of the team of 10 working on iOS
- Have a chance to visit and internship in Microsoft office in Adelaide City for a week for Project Management
- Graduated Diploma of Software Development from TAFE SA on 2018

Try out Catalee:

