KULI NGUYEN

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IOS/FLUTTER DEVELOPER

Experienced Mobile Developer with 5 years of experience, including 4 years as an iOS Developer specializing in Swift and 1 year as a Flutter Developer contributing to cross-platform projects. Experienced in different phases of the software development lifecycle, from design, coding, testing, and deployment. Proficient in Swift, Flutter, and RESTful API integrations, with a focus on delivering seamless and user-friendly mobile applications. Skilled at optimizing performance and ensuring cross-platform compatibility. Friendly and approachable, always building good relationships and communicating effectively with colleagues.

• API Integration • Problem Solving • UI/UX Collaboration • Core Data & Local Storage • Version Control • Debugging & Troubleshooting • Database Management and Optimization

Languages: Swift, Dart, SwiftUI
Web Services: RESTful API integration (URL sessions/Alamofire)
Frameworks: iOS, Flutter, Firebase, Fire store, CoreData
Databases: CoreData, SQLite, Realm
Design Patterns: Singleton, MVC, MVVM, Clean Architecture
SDLC: Agile
Tools: Xcode, Visual Studio Code, Jira, GitLab (CI/CD), Fastlane, Sketch, Figma
Platforms: MacOS, Window
Application/Software: Apple Map API

PROFESSIONAL EXPERIENCE

*CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).*

TMA SOLUTIONS, Ho Chi Minh, Viet Nam • 10/2023 – 03/2024
One of the premier Vietnam software outsourcing companies.

IOS & Flutter Developer
Built a Mobile App **Soctrip** for **iOS** and **Android** platforms.
- Developed the flight booking module for Soctrip Flutter (Dart), integrating flight search and booking with Retrofit and Dio, resulting in a 25% reduction in booking time and increasing user engagement.
- Built the car rental module using Flutter widgets for platform-specific functionality, enabling seamless search and booking, leading to improved customer satisfaction.
- Designed and optimized user interfaces (UI), Flutter Material Components, improving app usability and creating a clean, user-friendly design.
- Implemented network request handling with Retrofit Dio (Flutter), improving API integration efficiency and reducing errors in data fetching by 40%.
- Supported the full application lifecycle, including concept, design, development, testing, and deployment, ensuring timely and successful releases on the App Store and Play Store.

Technologies Used: Dart, Flutter, Swift, Visual Studio, Android Studio, Window 10, MacOS, Figma

XELEX TECHNOLOGY, Ho Chi Minh, Viet Nam • 07/2023 – 10/2023
A limited liability company specializing in software development and providing IT programmer training services.

Junior Flutter Developer
Built Mobile App **Mạng nhà nông**
- Developed a data visualization app using Dart and Flutter, efficiently connecting API data to the UI, enabling users to access critical information more easily and improving app engagement.
- Fixed bugs and implemented assigned tasks, enhancing app stability and significantly reducing crash rates by 30%.

- Designed and optimized UI components with Flutter widgets, ensuring responsive and visually appealing interfaces across devices.
- Integrated Provider for state management, improving code maintainability and streamlining the app development process.

Technologies Used: *Dart, Flutter, Visual Studio, Window 10*

ICONSYS, Ho Chi Minh, Viet Nam ● 06/2021 – 06/2022
A logistics and transportation focused software company.

Senior iOS Developer
Built IOS Apps **ICaller** & **iDriver**.

- Developed an iOS app using Swift to connect users with drivers, streamlining car bookings for company employees, and improving booking efficiency.
- Implemented MQTT(Message Queuing Telemetry Transport) for real-time communication between users and drivers,enhancing connection stability and improving real-time response times by 30%,increasing revenue by 15%
- Built a chat feature using Firebase Realtime Database for the app, enabling seamless user-driver communication and increasing user satisfaction based on feedback.
- Integrated third-party libraries such as Alamofire, reducing development time and enhancing app functionality with optimized code.
- Contributed to UI/UX design and application development, using Figma, Photoshop, and SwiftUI to create intuitive mockups and interfaces.
- Successfully deployed the ICaller app to the App Store, managing submission workflows, preparing metadata, addressing compliance issues, and ensuring smooth approval processes
- Actively collaborated with designers, backend developers, and stakeholders to ensure clear communication, align technical solutions with business goals, and enhance cross-team efficiency.

Technologies Used: *Swift, UIKit, Xcode, MacOS*

GLOBAL CYBERSOFT (HITACHI), Ho Chi Minh, Viet Nam ● 09/2019 – 04/2021
A leading global IT solutions provider.

Senior iOS Developer
Built iOS App **EVIR Mobil**.

- Developed an iOS app for drivers, operators, and fleet maintenance teams to capture and upload interior damage images, using NFC tags to streamline inspections and improve efficiency and reduce inspection time by 20%.
- Integrated Alamofire for networking and CocoaPods & Swift Package Manager for dependencies, simplifying development and enhancing productivity.
- Implemented CoreData as the Database in the project; if data is not updated, the app will fetch new data from API and saves it to CoreData
- Implemented a compatible UI across iOS devices, optimizing stability and user experience with UIKit and Core Data for seamless data management.
- Mentored junior developers, conducted code reviews, and optimized development workflows to enhance team efficiency and code quality.

Technologies Used: *Swift, UIKit, Core Data, Alamofire, CocoaPods, Swift Package Manager, Clean Architecture.*

ACADEMIC PROJECTS

Maharishi International University (2024)
Note App: Developed a Note Application with Firebase integration for login, using AuthContext to store user info. Designed a responsive Home page and connected to MongoDB for secure data storage. Added functionality for creating folders and notes to improve user organization. Utilized React, Node.js, MongoDB, and Firebase.

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion 12/2026)
Maharishi International University, Fairfield, Iowa

Key Courses: Web Programming, Advanced Software Development, Algorithms, Database Management Systems, Software Engineering

Bachelor of Science in Information System
Information Technology, Ho Chi Minh, Viet Nam (07/2012)