HUY DUONG

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MOBILE DEVELOPER

Talented Mobile Developer with 5+ years of experience optimizing code during mobile application development. Effective at streamlining project management by developing organizational flow software to manage tasks and schedules. Skilled in implementing technologies such as Swift, Objective-C, SwiftUI, UIKit, Kotlin, Java, Flutter, RESTful, GraphQL, Core Data, and Firebase.

iOS / Android Development • User Interface • Mobile / Web Development • Requirement Analysis
Object-Oriented Programming • Testing Implementation • Maintenance • Debugging

Languages: Swift, Objective-C, Kotlin, Java, Python, Dart
Frameworks: SwiftUI, UIKit, Dispatch, Combine, XCTest
Databases: Core Data, SQLite, Realm, Firebase, MongoDB
Design Patterns: MVC, MVVM, Singleton, Delegation, Observation
Tools: Xcode, Android Studio, VS Code, Git, Figma, Trello, JIRA
Platforms: iOS, macOS, watchOS, tvOS, Android

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).*

SEASOFT, Ho Chi Minh, Vietnam • 2017-2019
Offshore software development company.

iOS Software Developer
Contributed to iOS applications development and implementation.
Tasks Performed:
- Performed analysis to develop applications from scratch based on prototypes.
- Implemented tests to deploy applications.
- Provided maintenance and debugging.
- Integrated 3rd party programs into completed applications.

Achievements:
- Lead development of 2 major projects and ensured timely completion despite challenging deadlines.
- Optimized codebase and performance based on specifications.
- Streamlined project management by contributing to the development of organizational flow software to manage multiple tasks, oversee scheduling, and establish time limits.

Technologies Used: Swift, Objective-C, Auto Layout, CocoaPods, Carthage, Git, Core Data, SQLite, Firebase, Repro, Alamofire, SwiftyJSON, Google Analytics, Xcode, Instruments, SourceTree, Figma.

HDWEBSOFT, Ho Chi Minh City, Vietnam • 2016
Software outsourcing company.

iOS Software Developer
Implemented iOS applications development.
Tasks Performed:
- Migrated codebase from Objective-C to Swift.
- Maintained and debugged applications.

Achievements:
- Spearheaded successful update of project codebase and created a framework for code reusability.
- Ensured timely completion of projects with difficult deadlines.

Technologies Used: Swift, Objective-C, Core Data, PubNub, Socket.IO, Xcode, Git, Sketch.

PROFESSIONAL PROJECTS

KIDS MEAL, SEASOFT (2019): Developed iOS application that allows Japanese kindergarten schools to provide everyday information about food, nutrition, allergies... of each student to parents.
Technologies Used: *Swift, IBM Watson, Core Data, Storyboard, RESTful, Concurrency & Multithreading, Firebase, Google Analytics, Repro.* ***App Store:*** *https://apps.apple.com/app/id1439271905*

KIDS MEAL CAMERA, SEASOFT (2019): Developed iOS application to manage the school's system contents, especially optimized the photo size from the device's camera before uploading to the backend.
Technologies Used: *Swift, UIKit, CocoaPods, Auto Layout, RESTful, Alamofire, SwiftyJSON, SDWebImage, GitHub.* ***App Store:*** *https://apps.apple.com/app/id1439280152*

SELPY, SEASOFT (2018): Maintained and released the next version of the social networking application, which allowed users to share jobs and getting pay by taking pictures.
Technologies Used: *Swift, Objective-C, Built-In Core Image Filters, Firebase Authentication, Socket.IO, Stripe Payment, Core ASP Push Notification.* ***App Store:*** *https://apps.apple.com/app/id1263333010*

SKYLAB, HDWEBSOFT (2016): Maintained and developed an iOS social media application where users can find and vote for their lovable person (singer, actor, player, football player...).
Technologies Used: *Objective-C, Core Data, Magical Record, RESTful, AFNetworking, Firebase, PubNub, Hockey, AWS, Git, JIRA.* ***App Store:*** *https://apps.apple.com/app/id1110563657*

SIDE PROJECTS

COUNTRY LIST (2020): Developed iOS application to help people easily viewing and searching for countries information around the world, UI customization using the latest Apple technology SwiftUI 2.0.
Technologies Used: *Swift 5. SwiftUI 2.0, UIKit, Core Data, URLSession, JSONDecoder, Google AdMob, Apple MapKit, UITesting, UnitTesting, GitHub.* ***App Store:*** *https://apps.apple.com/app/id1541726158*

ACADEMIC PROJECTS

ECOMMERCE SYSTEM, MIU (2020): Online Shopping System with multiple user roles: admin, vendor,…
Technologies Used: *Angular, Java, Spring Boot, MySQL, RESTful, JSON, Docker, Heroku, Git.*

VOCABULARY, MIU (2019): Designed Android application to handle searching of vocabulary words.
Technologies Used: *Kotlin, Mobile Vision, SQLite, Git, Gradle, JSON, RESTful, XML, InVision Studio.*

DEVICES CONTROL, MIU (2019): Developed a smart control web application to control remote devices.
Technologies Used: *Java, HTML, CSS, Spring Boot, MySQL, Git, Maven, JSON, RESTful, XML.*

EDUCATION

Master of Science in Computer Science
(In progress via distance education; expected completion April 2022)
Maharishi International University, Fairfield, Iowa

Key Courses: Advanced Software Development, Algorithms, Mobile Device Programming, Big Data, Web Application Programming, Modern Programming Practices.

Bachelor of Engineering in Computer Network and Communication (2016)
University of Information Technology, Vietnam National University, Ho Chi Minh City, Vietnam