

Dicky Darmawan

iOS Developer

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PROFESSIONAL SUMMARY

iOS Developer with 2 years of experience in Swift, UIKit, and SwiftUI across streaming, enterprise, and fintech applications. Hands-on experience with video playback and DRM, Kotlin Multiplatform integration, reusable iOS modules, and automated testing.

TECHNICAL SKILLS

iOS development: Swift, UIKit, SwiftUI, Vision; reactive programming with RxSwift and Combine.

Specialties: Native video playback, DRM and PiP integration, and WebView-to-native bridging.

Quality: Unit testing with XCTest; end-to-end testing with Maestro and Appium.

PROFESSIONAL EXPERIENCE

iOS Developer

Nusantara Beta Studio (NBS)

Sep 2024 - Present

MAXstream / Telkomsel | Video Streaming

- Developed the CorePlayer iOS SDK for reusable AVFoundation-based video playback.
- Integrated FairPlay and Nagra DRM for protected video playback.
- Implemented player recovery and DRM diagnostics to investigate playback failures.
- Integrated Kotlin Multiplatform APIs with native iOS features through Swift.

Tech Stack: Swift, SwiftUI, AVFoundation, Combine, Kotlin Multiplatform.

TBIG | Field Operations Application

- Implemented OCR with Apple's Vision framework to extract text from captured images.
- Implemented multi-factor authentication (MFA) for login with OTP and authenticator codes.
- Integrated CallKit and PushKit to support VoIP task calls within the app.
- Added Maestro E2E tests for attendance and approvals using accessibility identifiers.

Tech Stack: Swift, UIKit, Vision, RxSwift, Moya, PureLayout, Realm, CallKit, PushKit.

IndonesianaTV | Cultural Streaming

- Built SwiftUI interfaces for cultural streaming on iOS and tvOS.
- Implemented AVPlayer playback and player state handling for streaming content.
- Fixed Picture-in-Picture restoration and blank-screen issues when returning to the app.
- Implemented tvOS sign-in and registration flows with OTP and QR-based login.

Tech Stack: Swift, SwiftUI, Combine, Kotlin Multiplatform.

PROFESSIONAL EXPERIENCE (CONTINUED)

iOS Developer

Nusantara Beta Studio (NBS)

Sep 2024 - Present

Nucleo | Shared iOS Framework

- Implemented reusable UIKit and SwiftUI components, WebKit integrations, and permission helpers.
- Documented module APIs and created coding agent skills to guide reuse of existing Nucleo components.

Tech Stack: Swift, UIKit, SwiftUI, Combine, WebKit, Swift Package Manager.

Ajaib | Savings and Payments

- Built reusable dropdowns and transfer status screens for savings workflows.
- Implemented address editing and confirmation for debit card delivery.
- Added QRIS validation and fixed transfer and payment navigation issues.

Tech Stack: Swift, UIKit, RxSwift, SnapKit.

BSN | Mobile Banking Application

- Implemented analytics across business flows, standardizing event names and parameters.
- Standardized button and gesture tracking across UIKit screens.
- Added a debug overlay and collection controls to validate analytics events.

Tech Stack: Swift, UIKit, Firebase Analytics, XCTest.

React Native Developer (Intern)

Nusantara Beta Studio (NBS)

Jul 2024 - Sep 2024

UDMS | Service Operations Application

- Built goods issue screens with React Navigation and NativeWind in React Native.
- Implemented React Query data-fetching and mutation hooks for goods issue workflows.
- Added Appium and WebdriverIO tests for goods issue workflows before release.

Tech Stack: React Native, TypeScript, React Navigation, React Query, NativeWind (Tailwind CSS), SQLite, Appium, WebdriverIO.

EDUCATION

Bachelor's Degree in Information Systems

Universitas DIPA Makassar

2019 - 2023