

Ferdinand Tedjakusuma

Senior Mobile Engineer | iOS Specialist

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Accomplished iOS Developer with 8+ years of experience crafting innovative mobile solutions through strategic technology implementation and Agile methodologies. Demonstrated ability to transform complex technical challenges into user-centric, high-performance applications that drive business growth. Combines deep technical expertise in mobile development with a forward-thinking approach to innovation and team collaboration.

WORK EXPERIENCE

Technology Consultant

February 2023 – present

Deloitte

Jakarta

- Contribute to full-stack development across Deloitte's banking suite platform, delivering features for iOS (Swift/MVI), Android (Kotlin), Flutter, React.js/Next.js, and Java Spring microservices for fintech clients, maintaining 80%+ unit test coverage standards
- Developed micro-frontend customer and merchant portals using Next.js for pay-later platform, implementing modular architecture with comprehensive unit testing for scalable web applications
- Built Java Spring microservices with adapter patterns for enterprise system integration (Salesforce, nCino), creating detailed technical documentation for microservice architecture and 3rd-party connectivity workflows
- Migrated iOS codebase from TCA to MVI architecture with SPM modularization, establishing architectural consistency with Android implementation, while providing iOS development support across multiple concurrent client projects

iOS Developer

June 2021 – February 2023

Siloam International Hospitals

Tangerang

- Architected shared design system package adopted across 2 engineering teams (6+ developers), while refactoring 6 legacy screens and reducing 3rd-party dependencies from 15 to 3, cutting UI development time by 50%
- Migrated data persistence from Realm to Core Data, eliminating 20+ unused tables and optimizing patient data caching, resulting in 3x faster dashboard loads, 45% memory reduction, and consistent performance across all iOS devices
- Maintained 98% crash-free rate over 12 months (100K+ users) while establishing technical documentation and Git workflow from scratch

iOS Developer

November 2020 – June 2021

EMPATKALI

Jakarta

- Spearheaded migration from React Native to native Swift, reducing app size by 60% and improving launch time by 3.2 seconds, resulting in 35% fewer performance-related user complaints
- Served as engineering liaison to product team, maintaining 100% sprint delivery rate through disciplined adherence to Scrum methodology and technical requirements documentation

Mobile Developer

September 2017 – September 2020

Web Architect Technology

Jakarta

- Developed comprehensive full native experiences for Android and iOS applications, collaborating across cross-functional teams to deliver seamless mobile solutions
- Led technical design and implementation of Android & iOS applications, working closely with project managers and design teams to translate client based requirements into robust, user-centric mobile experiences
- Mentored and trained junior developers through structured onboarding processes, guiding them through software development lifecycle best practices

EDUCATION

Binus University

Bachelor of Computer Science

Jakarta, Indonesia

TECH SKILLS & COMPETENCIES

- iOS – Proficient

SwiftUI – Competent

API – Proficient

Git – Competent

Unit Testing – Competent

OOP – Proficient

Cocoa Touch – Competent

MVVM – Competent

MVI

Cocoapods – Competent

Java – Proficient

Android

Spring

Android – Competent

Android Studio – Proficient

UX – Amateur

Agile – Competent

React.js – Amateur

Swift – Proficient

Objective-C – Competent

XCode – Competent

Design Patterns – Competent

RESTful API – Competent

Core Data – Competent

MVC – Proficient

GCD – Competent

Ruby – Amateur

Dart

Flutter

Jetpack Compose – Amateur

Android

Kotlin – Competent

Software Development – Proficient

Data Persistence – Competent

Scrum – Competent

Next.js – Amateur

LANGUAGES

English • Indonesian