

# 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

Deloitte

February 2023 – present  
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

Siloam International Hospitals

June 2021 – February 2023  
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

EMPATKALI

November 2020 – June 2021  
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

Web Architect Technology

September 2017 – September 2020  
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

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## EDUCATION

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**Binus University** ☽  
Bachelor of Computer Science

Jakarta, Indonesia

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## TECH SKILLS & COMPETENCIES

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<b>iOS</b> – Proficient	<b>Swift</b> – Proficient
<b>SwiftUI</b> – Competent	<b>Objective-C</b> – Competent
<b>API</b> – Proficient	<b>XCode</b> – Competent
<b>Git</b> – Competent	<b>Design Patterns</b> – Competent
<b>Unit Testing</b> – Competent	<b>RESTful API</b> – Competent
<b>OOP</b> – Proficient	<b>Core Data</b> – Competent
<b>Cocoa Touch</b> – Competent	<b>MVC</b> – Proficient
<b>MVVM</b> – Competent	<b>GCD</b> – Competent
<b>MVI</b>	<b>Ruby</b> – Amateur
<b>Cocoapods</b> – Competent	<b>Dart</b> Flutter
<b>Java</b> – Proficient Android Spring	<b>Jetpack Compose</b> – Amateur Android
<b>Android</b> – Competent	<b>Kotlin</b> – Competent
<b>Android Studio</b> – Proficient	<b>Software Development</b> – Proficient
<b>UX</b> – Amateur	<b>Data Persistence</b> – Competent
<b>Agile</b> – Competent	<b>Scrum</b> – Competent
<b>React.js</b> – Amateur	<b>Next.js</b> – Amateur

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## LANGUAGES

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English • Indonesian