

Engkit Satia Riswara

Senior iOS Engineer

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PROFILE

Senior iOS Engineer with technical leadership experience across e-commerce, fintech, and insurance. Specializes in modular architecture, Swift Concurrency, testable state management, and reliable mobile delivery. Applies AI-assisted code review and workflow automation alongside hands-on experience in checkout modernization, SDK development, and CI/CD infrastructure.

TECHNICAL EXPERTISE

Languages & UI: Swift, Objective-C, SwiftUI, UIKit
Concurrency: Swift Concurrency (async/await, actors), Combine, RxSwift
Architecture & quality: Modularization, Clean Architecture, VIPER, state management, unit testing, code review
Delivery: Swift Package Manager (SPM), CocoaPods, Jenkins, Bitrise, Codemagic
Reliability & experimentation: Caching, fallback strategies, feature flags, A/B testing, Firebase, New Relic, CleverTap
AI adoption: Codex, AI-assisted code review, agent workflows, workflow automation

PROFESSIONAL EXPERIENCE

PT Erajaya Swasembada, Tbk. Senior iOS Software Engineer | 2024 - Present

B2C mobile application development across Eraspaces, Erafone, and JD Sports Indonesia.

- Refactored the Eraspaces checkout module into independent, testable components with explicit state management.
- Migrated closure-based networking to Swift async/await and actors to address race conditions and improve concurrency safety.
- Implemented caching and fallback strategies to improve app stability during product launches and promotional events.
- Revamped the Eraspaces home module with configurable feature toggles and local caching to support business campaigns.
- Designed and deployed on-premises Jenkins CI/CD pipelines for iOS and Android, improving build reliability and reducing reliance on third-party services.
- Led clean architecture and unit testing initiatives, and coordinated mobile monitoring with Firebase and New Relic.
- Introduced peer knowledge sharing, technical documentation, and technical assessment practices.

Selected app stacks: Erafone - SwiftUI, UIKit, Combine, SPM; Eraspaces - UIKit, RxSwift, CocoaPods; JD Sports Indonesia - SwiftUI, RxSwift. Modular design and Clean Architecture across these applications.

PROFESSIONAL EXPERIENCE / CONTINUED

PT Kitabisa Indonesia

Tech Lead / Senior iOS Engineer | 2020 - 2023

- Led the SalingJaga iOS project, Kitabisa's insurance product, as Tech Lead.
- Established iOS code style guidelines and contributed to application modularization using Swift Package Manager.
- Contributed to building an insurance product from the ground up using VIPER, UIKit, unit testing, and CocoaPods.
- Migrated CI/CD workflows from Bitrise to Codemagic.
- Implemented A/B testing and user segmentation using CleverTap.

Mitrais

iOS Engineer, assigned to DANA | 2018 - 2020

- Developed DANA iOS application features using Swift and Objective-C while working on-site with the DANA team.
- Led the DANA Promo Squad and contributed to technical assessments and documentation.
- Built a custom DANA iOS SDK in Objective-C and extended functionality in its internal libraries.

APPLIED AI & ENGINEERING WORKFLOWS

- Applied Codex to Bitbucket pull-request reviews across iOS and Android repositories, using source context and existing discussions to assess findings and avoid duplicate feedback.
- Used AI-assisted review workflows with structured findings and explicit validation limits, distinguishing source-level analysis from executed tests.
- Applied AI-assisted automation to Jira worklog preparation using calendar context, previewing proposed entries and approving them before posting.

EARLIER EXPERIENCE

PT Global Locket Sejahtera | iOS Engineer

PT Paybill Indonesia | Junior iOS Engineer

EDUCATION

Institut Teknologi Garut

Bachelor's Degree in Information Systems | 2012 - 2016

RECOGNITION & COMMUNITY

- Regional finalist, Hackathon MDK 2.0 - Emozen app
- Panelist, ITG Career Development Center

LANGUAGES

English - Fluent