

Adi Andrea

Mobile Engineer · Android, iOS and self-order kiosks

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Summary

Mobile engineer building apps since 2017. I ship native Android (Kotlin, Jetpack Compose) and iOS (Swift, SwiftUI) apps, Flutter MVPs, and hardware-integrated kiosk apps for startups, banks, factories and restaurants, with backend experience in Spring Boot and Docker when a project needs it.

Experience

IT Programmer · PT Savoria Kreasi Rasa May 2026 – Oct 2026

Independent contract, continued directly with the client after the agency placement

- Owned ongoing development and deployment of the manufacturing operations platform below.

Software Engineer and Android Developer · PT Akal Karya Indonesia May 2019 – Apr 2026

Software agency, contract. Placed with client teams:

Client placement: PT Savoria Kreasi Rasa · IT Programmer Apr 2025 – Apr 2026

- Built a manufacturing operations platform for a high-volume FMCG factory: Spring Boot microservices, Flutter apps for factory-floor tablets and manager desktops, and Docker-based deployment.
- Delivered the Daily Production Schedule (DPS) and real-time Direct Labor Hours Cost (DLHC) modules.

Client placement: PT Central Proteina Prima Tbk · Android Developer Apr 2020 – Dec 2024

- Built and maintained barcode and QR goods-tracking apps on custom Android handhelds for a major aquaculture company (Prima Fish, TakingOrderFish, FPD Barcode Scanner).
- Migrated deprecated codebases and dependencies to current Android best practices.

Agency projects 2019 – 2026

- Shipped client apps across banking, on-demand services, agritech and F&B, including Flutter MVPs for Android, iOS and web.
- Migrated a bank's merchant finder app (Lestari Diskon, with BPR Lestari) from Java to Kotlin and refreshed its UI.
- Later moved into full-stack work on AWS and Google Cloud with automated, zero-downtime deployments.

Android Developer · KODA Teknologi Mar 2020 – Nov 2020

Part-time contract, alongside Akal Karya

- Built a self-recorded video interview app: video quality, large file uploads, and recording on large devices.

Mobile Developer · CV Akasa Dwijaya Bali Sep 2017 – Apr 2019

- Developed mobile apps integrated with backend APIs; also developed Ethereum tokens.

Android Developer and Software Tester · Telkomsigma Oct 2015 – Apr 2017

- Supported the BTPN Syariah mobile banking app; previously wrote test cases and ran regression testing.

Selected projects

- Yoshinoya self-order kiosk (2025) · Sole Android engineer. Kotlin and Compose kiosk app with combos, promos, OTP membership, and card and QRIS payment through an EDC terminal over a raw serial protocol; Sunmi and Epson printers, barcode scanner, locked kiosk mode.
- UmahLoka (2024 – present) · Built both native apps for a property listing platform, Kotlin on Android and SwiftUI on iOS, from client proposal to Google Play and App Store.

Skills

Android	Kotlin, Java, Jetpack Compose, MVVM, Hilt, Coroutines, Retrofit
iOS	Swift, SwiftUI
Cross-platform	Flutter (Android, iOS, web, desktop)
Hardware	Kiosk mode, USB serial EDC/ECR payments, Sunmi and Epson printer SDKs, barcode scanners, QRIS
Backend and DevOps	Spring Boot, MySQL, Docker, AWS, Google Cloud Platform, CI/CD
Tooling	Firebase, Git, Play Console, App Store Connect

Education, awards and certification

- D3 Management Information Systems, Politeknik Negeri Bali (2012 – 2015)
- 3rd place in two national competitions: GEMASTIK (User Experience Design) and LCEN XVIII (Multimedia Informatics)
- Google Cloud Platform Essentials