

# BAGINDA PRAKA GINTING

bagindapraka@gmail.com | +62 877 4847 6477 | Jakarta, Indonesia

linkedin.com/in/bagindapraka | github.com/gindaa

## PROFESSIONAL SUMMARY

Lead Mobile Engineer and Full-Stack Technical Consultant with 7+ years of experience architecting and scaling resilient applications. Proven track record of executing complex legacy migrations (Java to Kotlin, UIKit to SwiftUI) while optimizing system performance and user experience. Adept at driving technical strategy, establishing clean architecture standards (MVVM), and building high-performing engineering teams through rigorous technical screening and mentorship. Target-driven with a focus on delivering resilient, business-aligned technical solutions.

## PROFESSIONAL EXPERIENCE

### Independent Technical Consultant (GingetsuOrbit)

Jakarta/West Java, Indonesia | Oct 2025 - Present

- System Architecture & Development:** Architected and deployed OrionOrbit, a custom Point of Sale (POS) and Enterprise Resource Planning (ERP) system, alongside a customer-facing landing page for a commercial client in the food and beverage industry.
- Full-Stack Engineering & Payment Integration:** Engineered robust backend services utilizing Go and a responsive React frontend. Successfully integrated a secure online payment gateway into the web platform, synchronizing digital transactions directly with the POS application in real-time to ensure unified financial tracking.
- Offline-First Data Synchronization:** Designed and implemented a resilient, offline-first data synchronization layer leveraging CouchDB and PouchDB, guaranteeing continuous operational uptime and zero data loss during network disruptions.
- Operational Problem Solving:** Diagnosed field-level user bottlenecks and engineered targeted operational fixes, directly translating on-the-ground feedback into actionable system improvements to streamline adoption.

### PT. Pegadaian - Lead Mobile Developer

Central Jakarta, Indonesia | Oct 2023 - Oct 2025

- Core Architecture & Strategy:** Defined the foundational technical architecture for the *Tring!* by Pegadaian application. Conducted rigorous technical evaluations and secured stakeholder buy-in for a fully Native (SwiftUI/Kotlin) development strategy over Hybrid frameworks, guaranteeing superior runtime performance, security, and scalability.
- Feature Engineering Leadership:** Directed a dedicated mobile engineering pod to architect and deliver the *G-Cash* financial feature, enforcing Clean Architecture and MVVM standards to ensure robust transaction handling and data integrity.
- Architectural Modernization:** Spearheaded the end-to-end migration of Pegadaian Digital Syariah (Android: Java → Kotlin; iOS: UIKit → SwiftUI), significantly reducing technical debt and improving app responsiveness.
- System Reliability & Monitoring:** Integrated Firebase Crashlytics to proactively identify and resolve critical application faults, achieving and maintaining a strict <1% crash rate (over 99% crash-free sessions) across the active user base.
- Zero-Defect Release Management:** Orchestrated rigorous deployment pipelines and post-release monitoring protocols in collaboration with QA and Product teams, achieving a 0% deployment rollback rate annually.

## PT. Pegadaian - Mobile Application Developer

Central Jakarta, Indonesia | Jun 2021 - Oct 2023

- **End-to-End Feature Engineering:** Developed and deployed core financial modules for Pegadaian Syariah Digital and Agen Pegadaian Syariah, including Rahn Tabungan Emas, Cicil Emas, and secure Data Consent workflows.
- **CI/CD & Agile Delivery:** Implemented CI/CD pipelines to automate application builds, testing, and deployment preparation. Orchestrated release management and app store rollouts, utilizing Jira to drive agile sprint cycles and align engineering output with strict product timelines.
- **Analytics Integration & Data-Driven UI/UX:** Integrated telemetry and event-tracking analytics into the application architecture to monitor user behavior. Leveraged these insights to execute a comprehensive interface revamp, ensuring modern accessibility standards and driving overall user retention.
- **Quality Assurance & Stability:** Engineered robust unit test suites utilizing JUnit, successfully elevating overall code coverage and effectively minimizing post-release regressions across business-critical releases.

## Digicorp - Mobile Application Developer

Bandung, Indonesia | Sep 2019 - Dec 2020

- **Mobile Translation:** Engineered native Android clients for existing enterprise web applications, expanding platform accessibility for the corporate user base.
- **Performance Optimization:** Diagnosed and resolved core technical bottlenecks, improving application stability during critical internal beta testing phases.

## Freelance - Android Developer

Bandung, Indonesia | Jan 2018 - Aug 2019

- **Custom Solutions:** Architected and delivered bespoke Android applications for various independent clients, managing the full software development lifecycle from initial requirements gathering to market deployment.

## EDUCATION

---

### Telkom University

Bandung, Indonesia | Aug 2015 - Sept 2020

Bachelor of Informatics Engineering

## TECHNICAL SKILLS

---

**Languages & Frameworks:** Go, React, Kotlin, Java, SwiftUI, Android Native, XML

**Architecture & Design:** MVVM, Clean Architecture, Offline-First Synchronization

**Tools & Databases:** CouchDB, PouchDB, Retrofit, Dagger, RxJava, Firebase Suite (Crashlytics, Remote Config, Lifecycle), MoEngage, Jira, Linear, GitLab, GitHub, Figma, SQL, etc.

**Leadership & Engineering:** Technical Strategy (Native vs. Hybrid), Technical Interviewing, Team Mentorship, Code Review, Release Management, CI/CD Pipelines, Agile Delivery, A/B Testing