

NICKY ERLANGGA SETIAWAN

CURRICULUM VITAE //
2026

// FLUTTER DEVELOPER | MOBILE DEVELOPER | BACKEND ENGINEER

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01 // PROFESSIONAL SUMMARY

EXECUTIVE PROFILE

Mobile Developer with 2+ years of production experience specializing in cross-platform application engineering using Flutter. Proficient in implementing architectural patterns and state management solutions, including BLoC for complex business workflows, Provider for modular features, and GetX for rapid product delivery. Experienced across the full application lifecycle—from architectural design and responsive UI/UX slicing to multi-service RESTful API integration, background sync, and release management on Google Play Store and Apple App Store. Possesses solid backend engineering foundation with Java Spring Boot, Laravel, and Docker Compose.

02 // TECHNICAL SKILLS MATRIX

CORE COMPETENCIES

MOBILE ENGINEERING:

Flutter • Dart • Android SDK • iOS / Xcode • Google Play Store Rollouts • Apple App Store Distribution • Platform Channels

STATE MANAGEMENT & ARCHITECTURE:

BLoC Pattern • Provider • GetX • Clean Architecture • Dependency Injection • Repository Pattern • SQLite / Drift

BACKEND & CLOUD INTEGRATION:

Java Spring Boot • Laravel • RESTful APIs • Firebase (Auth, Firestore, FCM) • Supabase (PostgreSQL, Realtime) • Microservices

DEVOPS & DEVELOPER TOOLS:

Docker & Docker Compose • Git & GitHub Actions • Postman • Figma • Android Studio • VS Code

03 // PROFESSIONAL WORK EXPERIENCE

CAREER TIMELINE

MOBILE DEVELOPER

August 2022 – Present

Malang, East Java, Indonesia

PT. ARKATAMA MULTI SOLUSINDO

Leading end-to-end mobile application engineering with Flutter, delivering production solutions across e-commerce, attendance/presence tracking, monitoring & evaluation, and cashier POS systems.

- Architected and deployed production mobile applications to Google Play Store and Apple App Store, maintaining strict adherence to store guidelines.
- Engineered scalable UI with BLoC, Provider, and GetX, ensuring 60 FPS performance and deterministic state isolation across high-load screens.
- Sliced complex Figma designs into responsive, pixel-perfect Flutter widget trees with custom animations and cohesive system-level typography.
- Integrated multi-service RESTful backend APIs with secure token lifecycle management, network interceptors, and robust offline handling.
- Resolved operational client challenges and automated field workflows for regional enterprise clients.

TECH: Flutter Dart BLoC Provider GetX REST APIs Play Store App Store Firebase Git

BACK END DEVELOPER INTERN

January 2022 – May 2022

Indonesia

PT. BANK NEGARA INDONESIA (PERSERO) TBK.

Engineered enterprise backend RESTful API services using Java Spring Boot through self-directed development, including policy forwarding services.

- Designed and implemented a dedicated RESTful API service specifically for forwarding enterprise banking API policies.
- Containerized application runtimes and multi-service dependencies using Docker Compose for reproducible deployment environments.
- Conducted endpoint integration and performance validation in accordance with enterprise banking technical standards.

TECH: Java Spring Boot REST APIs Docker Docker Compose Microservices

PROGRAMMER

June 2021 – October 2021

Malang, East Java, Indonesia

PERUMDA TUNAS MALANG

Maintained digital web presence and contributed to mobile e-warung commerce application engineering using Flutter.

- Ensured ongoing uptime, security, and content maintenance for Perumda Tunas' primary public portal (perumdatunas.com).
- Actively participated in engineering a mobile e-warung application with Flutter to expand digital services and local commerce access.
- Collaborated with cross-functional stakeholders on functional testing and merchant product catalog integrations.

TECH: Flutter Dart Web Maintenance PHP Mobile E-Warung MySQL

POINT OF SALE (POS) & RETAIL MOBILE WORKSTATION

FLUTTER / DART / BLOC / REST API

Role: Lead Mobile Engineer (Enterprise Retail & FinTech / POS)

Offline-first Flutter retail POS workstation enabling <50ms checkout and resilient local receipt printing.

- Built native Bluetooth ESC/POS binary printing driver directly handling receipt generation without cloud latency.
- Implemented encrypted SQLite offline billing queue with automatic cloud reconciliation upon reconnection.

REAL-TIME ATTENDANCE & GEOLOCATION TRACKING SYSTEM

FLUTTER / DART / BLOC / SUPABASE

Role: Mobile & Cloud Backend Engineer (Workforce Management & Telemetry)

High-accuracy presence tracking system with automated geofencing validation and anti-spoofing telemetry.

- Engineered OS-level geofence boundaries and biometric authentication to eliminate proxy check-in fraud.
- Designed offline-buffered check-in telemetry queue syncing automatically upon network restoration.

PERSONAL FINANCE & EXPENSE LEDGER ARCHITECTURE

FLUTTER / DART / CLEAN ARCHITECTURE / BLOC

Role: Lead Systems Architect (FinTech / Local-First Systems)

Local-first encrypted ledger application delivering sub-10ms query times and custom analytics visualizations.

- Separated Presentation, Domain, and Persistence layers with zero third-party leakage into business rules.
- Designed reactive Drift query streams with 100% unit-tested financial calculation interactors.

05 // FORMAL EDUCATION

ACADEMIC

UNIVERSITY OF BRAWIJAYA (UNIVERSITAS BRAWIJAYA)

Associate's Degree, Information Technology (D3 Teknologi Informasi)

2019 – 2022 • Malang, East Java, Indonesia

- Core coursework: Software Engineering, Mobile Application Architecture, Object-Oriented Programming, and Relational Database Systems.

06 // CERTIFICATIONS & STANDARDS

VERIFIED

INTRODUCTION TO INTERNET OF THINGS (IOT)2022

Issuer: Professional Accreditation

Skills: IoT Protocols, Hardware Connectivity, Sensors & Telemetry

END-TO-END FLUTTER & MOBILE ARCHITECTURE2023

Issuer: Mobile Engineering Standards

Skills: Flutter, Dart, BLoC, Provider, GetX, Store Deployment

RESTFUL API ENGINEERING & DOCKER CONTAINERIZATION2022

Issuer: Enterprise Cloud Standards

Skills: Java Spring Boot, Docker Compose, REST APIs, Microservices