

RIYAT DUL INSAN

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I am Riyat Dul Insan, an Informatics Engineering graduate from Nurdin Hamzah University. I am a dedicated Mobile Developer with over 7 years of experience and expertise in Android Native, Flutter and Cross-Platform Development. I also continuously explore new technologies as a software engineer.

Work Experiences

PT. Roketin Kreatif Indonesia - Bandung, Indonesia

Apr 2022 - Dec 2025

Lead Mobile Engineer

Fulltime Remote

- Architected and standardized base mobile repositories by implementing Clean Architecture (Flutter) and MVVM (Android) under DDD principles, integrated with Build Variants for multi-environment.
- Publishing and routine maintenance app on AppStore, PlayStore and Huawei AppGallery.
- Refactoring, bug fixing, and create new feature for legacy project.
- Implemented a CI/CD pipeline using Codemagic to automate application releases.
- Assigned to frontend (website) in Dec 2024 to develop using Vue.js.

Freelance Software Developer - Remote

Jan 2020 - Nov 2025

Software Developer

- Saimen : Digital Signage for Android TV as Fullstack Developer used Flutter, Laravel, Filament and Railway (Jambi, Indonesia, 2025)
- FlightSync : Flight Information as Fullstack used Flutter, Laravel and Filament (Upwork - Pakistan, 2025)
- InstaPOS : Saas Point of Sales (POS) with Tablet Device and Bluetooth printer as Flutter Developer (Batam, Indonesia - 2024)
- Sesama : Food Order Android/iOS for PT. Sesama Indonesia with Gmaps, Social Auth as Flutter Developer (Batam, Indonesia - 2022)
- Sesama Delivery (Driver) and Sesama Marketing (Marketing Team) as Flutter Developer (Batam, Indonesia - 2023)
- SIMAYANG : Billing Information, Service and Tracking Issue Tirta Mayang as Flutter Developer (PDAM Tirta Mayang, Indonesia - 2022)
- JambiBreaks.com : News portal website used Wordpress (Jambi, Indonesia - 2023)
- KeiMedika : Healthcare App Consultation, Booking Schedule, Android, as Flutter Developer (Jambi, Indonesia - 2021)

Telkomcel (A Telkomsel Subdiary) - Dili, Timor Leste

Jan 2022 - Mar 2022

Flutter Developer

Fulltime Remote

- Developed, refactor and maintained Android & iOS using Flutter.
- Designed user flows, wireframes, and interactive prototypes using Figma.

PT. Sangkek - Jambi, Indonesia

Jul 2018 - Dec 2021

Mobile Developer

Fulltime

- Developed using Android Native and Flutter.
- Designed user flows, wireframes, and interactive prototypes using Figma.
- Configure initial require deployment and production released app to Google Playstore.

Telkomsel (Branch Jambi) - Jambi, Indonesia

May 2017 - Sep 2019

Full-stack Developer

Fulltime

- Built Sales Canvassing Application using Codeigniter 3, Android Native (Java), and MySQL.
- Build web portal for online registration, schedule, score for E-Sports Tournament.

Education Level

Nurdin Hamzah University - Jambi, Indonesia

Sep 2012 - Nov 2016

Bachelor of Informatics Engineering, 3.40/4.00

- Graduation Project : Expert System for Toddler Disease Diagnosis on Android.

Projects

diCBN - CRM App with Register, Order and Billing Information.

- Architected and standardized a boiler plate repo within implement Clean Architecture, Dependency Injection, DDD principle and Build Variants Flavors.
- Initial deployment, publishing and routine maintenance on Apple AppStore, Google Play Store and Huawei AppGallery.

- Implemented CI/CD using Codemagic and Firebase App Distribution.
- Researched and implemented Payment Integration with Doku, Voip Call and Biometric Authentication.
- Integrated Firebase Cloud Messaging, Firebase Google Analytics and Crashlytics.
- Developed self register feature.

Tugure - Digital Signature and Multi level Approval.

- Leading a team of Flutter developers to build cross-platform mobile applications.
- Initial deployment, publishing for internal and routine maintenance on Apple Appstore and Google Play Store.
- Implemented CI/CD using Codemagic and Firebase App Distribution.
- Integrated Firebase Cloud Messaging, Firebase Google Analytics and Crashlytics.
- Researched and implemented multi-page digital signature placement.

getRISE - Attendance and Leave Request/Approve application.

- Refactored the entire codebase to implement Clean Architecture, improving maintainability and scalability.
- Headed the Mobile Flutter Development team.
- Developed core feature Login, Register and Attendance In/Out with Geolocation.
- Integrated Firebase Cloud Messaging, Firebase Google Analytics and Crashlytics.
- Developed home screen App Widget for Android.

Sesama - Food Ordering Ecosystem.

- Developed Customer Food Ordering app, a Driver app with Google Maps integration, and a Merchant Marketing platform.
- Developed an end-to-end food ordering system, covering user selection, payment, and real-time order tracking.
- Developed a core authentication system featuring Social Auth integration (Google, Facebook, and Apple).
- Integrated Payment Integration(Midtrans) and Firebase Cloud Messaging.
- Initial deployment, publishing and routine maintenance on Apple Appstore, Google Play Store and Huawei AppGallery.

Keimedika - Healthcare and Consultation App.

- Developed a dual-platform Healthcare solution, facilitating seamless interaction between Patients and Doctors via virtual consultations.
- Implemented secure user onboarding, service catalogs, and an Electronic Medical Records (EMR) system with integrated appointment booking.
- Implemented real-time chat and push notifications using Firestore and Firebase Cloud Messaging.
- Initial deployment, publishing and routine maintenance on Apple Appstore and Google Play Store.

Skills & Other Experience

- **Mobile Development:** Native Android, Flutter, Cross-Platform Development.
- **Frontend Website:** Vue.js, Tailwind, Bootstrap, Vite.
- **Programming Languages:** Kotlin, Dart, Typescript, Golang, PHP.
- **Databases & Storage:** MySQL, SQLite, Hive, Local Persistence.
- **Tools & Integrations:** Android Studio, Git, RESTful API, Firebase, CI/CD (Codemagic), OAuth 2.0, Biometric Auth, BLE (Bluetooth), Google Maps, Google Analytics and Crashlytics.
- **Architectures & Best Practices:** Clean Architecture, MVVM, DDD, SOLID, and DRY Principles.
- **Deployment & Distribution:** Railway, Firebase App Distribution, Google Play Store, Apple App Store, Huawei AppGallery.