

FRADIPTA ALQAIYUM

Mobile Engineer

Jakarta, Indonesia · (+62) 8126-8786-843
fradipta.alqaiyum@gmail.com · linkedin.com/in/dipoo
Portfolio : <https://tr.ee/UJRujBa-ta>

SKILLS

- Mobile Development – Flutter** (Native bridge Swift/Kotlin) with **Clean architecture, Swif(iOS)** - UIKit and SwiftUI with **MVVM-C**, Integrating Realm, Moya, Alamofire, etc, also Tuist environment, Basic knowledge of **KMM Multiplatform (Android)**, Dependency Injection knowledge, Local Databases, REST, GraphQL, and WebSocket. Familiar with Asynchronous programming patterns and implement **Domain Driven Design**
- Tooling & Platforms** - Xcode, Android Studio, Gradle, Flutter DevTools, Sentry Maintenance, Firebase Crashlytics/Analytics.
- Programming Language** - Solid Foundation in **Swift Dart, C++, Python**, and **Kotlin**. Implements SOLID and strong Object Orientation Programming.
- Version Control & Collaboration** - Strong expertise in **Git, GitHub, Bitbucket** and **GitLab** for managing code repositories, branching strategies, and collaborative development. Using tools such **Fork, Github Desktop**.
- CI/CD & Deployment** - Setup deployment pipelines with **CI/CD, Fastlane, Github Workflow**. Experience in deployment in **Apple Appstore, Google Playstore, Firebase Distribution, Microsoft Appcentre**.
- Cloud & Backend Integration** - Integrating **REST API, GraphQL, WebSocket, MQTT, Supabase, GCP, gRPC**.
- RDBMS (SQL)** - Experienced in writing efficient SQL queries for relational databases like **MySQL, SQLite** and **PostgreSQL**, as well as working with NoSQL databases like **Firebase Firestore** and **MongoDB** for scalable data storage solutions
- Agile Development & Project Management** - Experienced in **Agile** methodologies using **Jira** and **Kanban** boards, collaborating with cross-functional teams to ensure timely project delivery.

EXPERIENCE

KOLTIVA, Indonesia · Mobile Engineer · Full Time

May 2023 - Present

- Contribute Development apps to multiple squads that support supply chain management tools for data collection and mapping that are used in 65 Countries.
- Develop Application Offline First with Fullstack Local Databases with SQLite Ensure Synchronization data from mobile to server while apps are online.
- Setup CI/CD Pipeline for build & Deployment. Collaborate with other teams with Agile development methods and Initiate Branching Strategies for 15 contributor
- Bridge Native iOS and Kotlin into Flutter Environment, Migrating Native Applications to Flutte, and Embedd Native Function into Flutter.
- B2C Koltitrace Farmcloud project, built in native environment with Swift UIKit and Kotlin, Responsible for migrating them into flutter environment
- B2B Koltitrace Farmgate project & B2B Koltitrace FarmExtension project., Built with Flutter with clean architecture, local databases, and Full offline support with Local databases (sync when online)

HACKTIV8, Indonesia · Mobile Dev Instructor · Freelance

Jan 2024 - July 2025

- Responsible for training and mentoring students in Mobile development, helping them build a strong foundation in mobile application development.
- Designed and delivered structured learning modules, guided students through hands-on projects, and provided insights into industry best practices.
- Training Employees at Kaltimara BPD for 1 week about Mobile App Development Course
- Training New Employees at Bithealth Indonesia in Software Development course specifically in mobile development for 6 months in 2024.

Assetdata.io, Malaysia · Mobile Developer · Full Time

Jan 2022 - May 2023

- Developed and maintained mobile applications using both Flutter and native Kotlin for asset management and data-driven insights.
- Focused on building scalable architectures, integrating APIs, and ensuring seamless user experiences across platforms. Optimized Android applications using Kotlin, leveraging Jetpack components, MVVM architecture, and dependency injection with Hilt.
- Collaborated with cross-functional teams to enhance application efficiency and functionality while following Agile development methodologies.

Minasa Fintech, Indonesia · Mobile Developer · Full Time

January 2020- Dec 2022

- contributed to the DDS Digital startup project as a Mobile Developer,
- handling the entire app's features using Flutter, Firebase, and API integration.
- Implemented GetX for state management and utilized Git for version control, ensuring efficient development and collaboration.

Berbagi Solusi Tech, Indonesia · Mobile Developer · Internship

July 2019- September 2019

- Associate Developer Intern for developing mobile applications, focusing on UI development, API integration, and debugging.
- Gained hands-on experience in mobile development under the guidance of senior engineers while learning best practices in software engineering.
- Associate Developer Intern for backend development using NodeJS. Create WebApp API for mobile side.
- Contributed on product development with Product Manager and learn about Agile Development

EDUCATION & CERTIFICATION

Sepuluh Nopember Institute of Technology, Indonesia
Bachelor of Engineering,
Computer Engineering Department,
Faculty of Informatics, Electro, and Intelligence Systems

2017 - 2021
3.31 / 4.0
Thesis : Automated DVT Segmentation with Convolutional Neural Network based UNet Architecture

Japanese Language Proficiency, Japan Foundation
N4

2024
101/180

Fundamental of Deep Learning, NVIDIA

2019

English Proficiency - Professional working

B2