




# Rindra Rasolonirina

DEVELOPER FLUTTER

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 rindra22

I am a passionate Flutter developer with 4 years of experience. Each project is an opportunity to learn and take on new challenges. I enjoy exploring new technologies and continuously improving my skills.

## Technical skills

### Frontend

Flutter, VueJS, Livewire, Bootstrap, Jquery, HTML, CSS

### Backend

Laravel, CodeIgniter, Zend, AdonisJS, PHP, Wordpress

### Collaboration Tools

Trello, Slack, Skype, Git, Github, Gitlab

### Databases & Caches

MySQL, PostgreSQL, MariaDB, SQLite, Firebase, MongoDB, Redis, MemCached, Docker

### Graphic Design

Figma, Adobe XD

### Others (Architectures)

Domain Driven Design(DDD)  
Agile & Scrum  
Principles such as: Y.A.G.N.I, D.R.Y

## Academic background

### 2022 - 2023 | Institut Supérieur Polytechnique de Madagascar I.S.P.M

- Master's degree in Management Computing, specializing in Software Engineering and Artificial Intelligence.
- **Career path:** Informatique de Gestion Genie Logiciel et Intelligence Artificielle (I.G.G.L.I.A)

### 2021 | Institut Supérieur Polytechnique de Madagascar I.S.P.M

- Obtained a professional bachelor's degree in Computer Science.
- **Career path:** Informatique de Gestion Genie Logiciel et Intelligence Artificielle (I.G.G.L.I.A)

### 2021 | Centre National de Télé-enseignement de Madagascar CNTEMAD

- Obtained a professional bachelor's degree in Computer Networking.
- **Career path :** Informatique de Gestion, Génie Logiciel et Intelligence Artificielle (I.G.G.L.I.A)

# Professional experience

## 2025 | Flutter Developer – Real-Time Apps & Communication

- Development of a communication application (audio/video calls, real-time messaging) using Flutter and Firebase. State management with Riverpod and integration of the Agora SDK for video conferencing. Implementation of a secure platform with end-to-end encryption of data during transmission.
- Deployment of the application on the Play Store and the App Store.

### Project highlights

- +1,000 users in the first few weeks
- 99% stability on video calls
- Reduced loading time by X%
- Implemented Clean Architecture
- <https://apps.apple.com/co/app/dark18/id6749346497>
- <https://play.google.com/store/apps/details?id=com.dark.talk>

Flutter

Dart

Firebase

Riverpod

Clean archi

Play Store

App Store

## 2024 – 2025 | Multi-Tenant Point of Sale (POS) System

- Development of a multi-tenant Point of Sale (POS) system, available on Android and iOS, using:
- Flutter (front-end), Laravel (REST API) for the backend, Firebase for notifications, and Clean Architecture for a scalable structure.
- Integration of a dedicated Laravel back office for data and tenant management.

### Main features:

- Full management of tenants, users, products, categories, and inventory.
- Sales processing: cart, payments (cash, wallet, etc.), receipt printing, barcode generation and scanning.
- Automatic generation of complete sales and activity reports.
- Deployment of the application on the Play Store and the App Store.
- <https://apps.apple.com/us/app/makhal/id6744607419>
- <https://play.google.com/store/apps/details?id=com.makhal.pos>

Flutter

Dart

Firebase

GetX

Clean archi

Playstore

App Store

## 2023 – 2024 | Mobile Music Player Application

Development of a mobile music player application using Flutter, with BLoC / flutter\_bloc as the state management and design pattern. The application allows users to play and manage music stored on the device, offering a rich and complete experience.

### **Main features:**

- Local music playback: play, pause, skip, previous, seek.
- Background playback, control via notifications and lock screen.
- Advanced search: titles, artists, albums, genres.
- Sorting and filtering: by title, artist, album, duration, date, size, etc.
- Playlist management: create, rename, delete, add/remove tracks.
- Favorites, Recently Played, Most Played management.
- Navigation by artists, albums, and genres.
- Sleep timer, music sharing, customizable settings.

## **2022 | Multi-User Blog Application**

- Development of a blog application using Flutter (mobile) and Laravel (REST API) for the backend.
- The platform allows users to interact and publish content in a smooth and modern way.

### **Main features:**

- Publication d'articles par tous les utilisateurs.
- Commentaires, réactions (likes) et mise à jour du profil.
- Recherche avancée des publications par nom ou description.
- Filtrage du contenu par catégorie.
- Système complet d'inscription, connexion et gestion des utilisateurs.

### **Other key points:**

- Source code published as open-source on GitHub.
- Clear architecture and secure API for scalable integration.

Flutter

Dart

Laravel

Provider

REST API