

Jesus Aguirre

Barcelona, Spain · [linkedin.com/in/jesusaguirrebastidas](https://www.linkedin.com/in/jesusaguirrebastidas) · +34 624 15 39 13 · jesus.appdev@gmail.com

Mobile Developer specialized in **Flutter**, with proven experience delivering high-performance cross-platform apps to production. Skilled in building **offline-first applications** with **Firestore**, ensuring seamless user experiences regardless of connectivity.

Strong expertise in **secure authentication** (Google, Apple, Email), **real-time features**, **push notifications** (Firebase FCM), and **geolocation services** with **Google Maps SDK**.

Hands-on experience in **CI/CD automation** with **Codemagic**, streamlining delivery pipelines and successfully publishing apps on both **App Store** and **Play Store**. Recognized for enhancing mobile performance, optimizing app permissions, and ensuring compliance with platform guidelines while improving overall UX.

EXPERIENCIA PROFESIONAL

Civita technologies

Freelancer Flutter Senior Developer

Dublin, Ireland (Remote)

July 2025–September 2025

- Developed a booking mobile app from scratch using Flutter + Bloc, achieving a scalable and maintainable architecture that improved development speed by 30%.
- Implemented secure authentication with JWT, Google, Apple, and Email Sign-In, including password recovery via deep links, increasing user login success rate by 25%.
- Integrated Google Maps SDK with real-time navigation, custom markers (linked to backend venues), and route drawing, enhancing geolocation accuracy and boosting user engagement by 40%.
- Built an in-app AI-powered chat (backend-driven) with WebSockets, reducing user support requests by 20%.
- Optimized app permissions management (location, notifications, camera, profile settings), ensuring compliance with platform guidelines and improving app store approval time by 15%.
- Automated delivery pipelines with Codemagic CI/CD, successfully publishing the app to App Store and Play Store with zero critical release issues.

A4agro

Senior Mobile Engineer

Barquisimeto, Venezuela

(Remote)

October 2023–April 2024

- Designed and developed an offline-first agricultural monitoring app using Flutter + BLoC, enabling full functionality without internet and seamless background sync with Firestore, reducing data loss in low-connectivity rural areas by 40%.
- Implemented secure authentication with Firebase Auth (email/password), ensuring reliable and scalable access control for farmers and agronomists%.
- Integrated Mapbox with offline maps, interactive layers for farms and sublots (polygons), and geolocation services, improving field monitoring accuracy by 35%.
- Developed push notifications with Firebase Cloud Messaging (FCM) to deliver real-time alerts on crop activities and monitoring sessions, increasing user engagement by 25%.
- Automated CI/CD workflows with Codemagic, streamlining delivery pipelines and ensuring consistent releases on App Store and Play Store%.

- Automated delivery pipelines with Codemagic CI/CD, successfully publishing the app to App Store and Play Store with zero critical release issues.
- Optimized app performance and offline caching, achieving smoother navigation and a 20% reduction in loading times.
- Collaborated with backend engineers by contributing to FastAPI services for satellite imagery (Sentinel-2) and creating Python Cloud Functions, extending the app's analytical capabilities.

A4agro

Mid Full-stack Engineer

Barquisimeto, Venezuela

April 2024–September 2025

- Developed a livestock management mobile app in Flutter, implementing a local database with Drift + SQLite and synchronization via REST APIs, improving data availability for field managers by 35%.
- Implemented state management with GetX and secure authentication with JWT, ensuring robust offline-to-online user sessions.
- Optimized network layer using Dio, reducing API communication errors by 20% in low-connectivity scenarios.
- Designed and deployed backend microservices with NestJS + NATS, containerized with Docker and deployed on AWS, enabling scalable and fault-tolerant data pipelines.
- Integrated push notifications with Firebase, ensuring real-time updates for production and reproduction tracking in the field.

Intercom Servicios

Jr. Full-stack Engineer

Barquisimeto,

Venezuela

May 2023–September 2023

- I applied the Abstract Factory design pattern to standardize and optimize commands across different OLT systems, enhancing operational efficiency.
- I implemented tailored CRM solutions for Internet service providers, integrating functionalities with Google Maps for accurate fiber optic service.

EDUCACIÓN

B.S in Computer Engineering

Ingeniería en Informática

Barquisimeto,

Venezuela

May 2024

SKILLS

- **Mobile Development:** Flutter, Dart, BLoC / Cubit, Provider, Riverpod GoRoute.
- **Authentication & Security:** Firebase Auth, JWT, Email/Google/Apple Sign-In
- **Data & Storage:** Firebase Firestore, Firebase Storage, SQLite, Drift
- **Offline-first Applications:** Data synchronization, caching, conflict resolution
- **Push Notifications:** Firebase Cloud Messaging (FCM)
- **Maps & Geolocation:** Google Maps SDK, Mapbox, Geolocator
- **CI/CD & Deployment:** Codemagic, App Store Connect, Google Play Console
- **Tools & Productivity:** Git, Postman, Windsurf IDE, Jira, Linear.
- **Programming & Frameworks:** Python, NestJS, FastAPI, Django
- **Data & Processing:** PostgreSQL, MySQL, Relational Databases, Satellite Imagery Processing, Firebase Cloud Functions
- **Containers & Orchestration:** Docker, Docker Compose, Microservices Architecture, NATS Messaging
- **Cloud & Deployment:** AWS (EC2, S3), Azure, CI/CD Pipelines