

Vittorio Barile

Senior Full Stack Engineer — Flutter & Laravel

+39 327 689 7089

v.barile91@gmail.com

Sepino (CB), Italy

in [linkedin.com/in/vittoriobarile](https://www.linkedin.com/in/vittoriobarile)

◆ github.com/seipher91 · vittoriobarile.com

◆ PROFESSIONAL SUMMARY

Senior Full Stack Engineer with 8+ years of development, specialized in scalable hybrid ecosystems with Laravel and Flutter. Experienced in robust software architectures (Clean Architecture, Multi-tenant) and complex integrations (IoT, hardware, Whitelabel), with early adoption of the full-stack Dart ecosystem (Serverpod, Jaspr). End-to-end ownership, from backend to automated deployment with CI/CD and Docker. Systematic testing on both sides: unit, widget and integration tests in Flutter with Mocktail, unit and feature tests in PHP with PHPUnit and Pest.

◆ TECHNICAL SKILLS

Flutter Dart Laravel Serverpod Clean Architecture Multi-tenant Whitelabel BLoC / Riverpod CI/CD
Docker

Languages & Frameworks: Dart, PHP, Flutter, Laravel, Serverpod, Livewire, Vue 3, JavaScript, HTML5, CSS

Architecture & Patterns: Clean Architecture, Multi-tenant Whitelabel, MVVM,DDD, Repository Pattern, BLoC, Riverpod, Cubit, Strategy Pattern, SOLID

Backend & APIs: REST APIs, WebSocket, GraphQL, Laravel Horizon, Sanctum, Inertia.js, MQTT

Testing & Quality: PHPUnit, Pest, Mocktail, Unit/Widget/Integration Test (Flutter), TDD, Dependency Injection, Code Review

DevOps & CI/CD: Docker, Kubernetes, GitHub Actions, CodeMagic, Shorebird (OTA), Fastlane, Flavors

Databases & Methods: MySQL, PostgreSQL, SQLite, MongoDB, Firebase · Agile/Scrum, Sprint Planning, Jira

◆ PROFESSIONAL EXPERIENCE

● Senior Full Stack Engineer (Flutter & Laravel) — Siym S.r.l.

2024 – Present

- Provide technical leadership on Multi-tenant Whitelabel platforms: SMS/Email marketing automation with high-priority queues (Laravel Horizon) and a loyalty platform for large-scale retail.
- Architected a cross-platform video surveillance ecosystem (Windows/iOS/Android) with RTSP/HLS streaming via MediaMTX and JWK security for token signing and validation.
- Built Windows touch-kiosk apps in Flutter with a custom package for TCPos Zucchetti registers, plus an updater tool for automated background maintenance.
- Maintain high-traffic enterprise apps (KFC, La Piadineria), optimizing CI/CD pipelines on CodeMagic.
- Decomposition of a Laravel monolith into dockerized, whitelabel and multi-tenant microservices, deployable on both a private VPS and AWS (ECS/Fargate): dedicated services for email, SMS, push notifications and Apple/Google wallets (iOS and Android), each with per-tenant credentials and API keys.

Stack: Flutter (Web/Windows/Mobile), Laravel, Riverpod, BLoC, Laravel Horizon, MediaMTX, GitHub Actions, CodeMagic, Docker

● Full Stack Engineer (Flutter & Laravel) — Aquaconsulting S.r.l.

2022 – 2024

- Delivered a dual-app Flutter POS for hospitality (register + staff) with real-time order synchronization on a Laravel backend.
- Developed a Whitelabel VR platform with an Atomic Design frontend and Laravel RESTful APIs; integrated the Stripe payment gateway.
- Built a custom ERP in Laravel Livewire 3 for cost/revenue analysis, corporate budgeting, and HR management.

Stack: Laravel, Livewire 3, Flutter, RESTful API, Stripe, MySQL, PHPUnit, Mocktail

- **Middle Full Stack Engineer (Fintech) — CloudFinance S.r.l.** 2021 – 2022
 - Architected an Offline-First Fintech invoicing app with local sqflite persistence and background sync via Workmanager + Firebase Silent Push.
 - Developed Laravel RESTful APIs for real-time notifications and collaboration, with a clean separation of local/remote state using Clean Architecture + BLoC.**Stack:** Flutter, SQLite (sqflite), Laravel, Workmanager, Firebase FCM, OneSignal, Clean Architecture, BLoC
- **Middle Full Stack Engineer (Flutter & Laravel) — ResMedia S.r.l.** 2021
 - Built an e-commerce + last-mile delivery Multi-tenant Whitelabel ecosystem (dual consumer and rider apps) with full PRD→Deploy ownership.
 - Delivered a restaurant-booking SaaS with real-time availability and Stripe/PayPal payments, plus a health & fitness app integrating HealthKit/Google Fit and In-App Purchases.**Stack:** Flutter, Laravel, Whitelabel, Stripe/PayPal, HealthKit/Google Fit, CI/CD (CodeMagic, GitHub Actions)
- **Full Stack Engineer, IoT & Fintech — PayPrint S.r.l.** 2018 – 2021
 - Engineered an IoT cash-management system with hardware (banknote/coin acceptors) and real-time change-calculation algorithms.
 - Abstracted multi-POS communication (Epson, RCH) with the Strategy Pattern on a single codebase; built an MQTT ecosystem for hospitality with real-time sync.**Stack:** Flutter (Android/Desktop), Laravel, MQTT, Hardware Integration (Serial/USB), Strategy Pattern, RESTful API
- **Junior Mobile & Laravel Developer (Android & IoT) — MAE S.r.l.** 2016 – 2018
 - Developed an Android IoT system for smart waste islands with Computer Vision (waste recognition) and electromechanical sorting automation.
 - Built Java desktop software for geophysical-instrument calibration; early adopter of Flutter (Alpha/Beta releases).**Stack:** Android Native (Java), Computer Vision, Hardware Integration (Serial), PHP, Java Desktop

◆ PERSONAL PROJECTS

Sthenos Workout — Full-stack fitness platform: offline-first Flutter app (BLoC, Hive, iOS Live Activities) with a Laravel 13 backend (Sanctum, Stripe Cashier, FCM) and an Inertia.js/Vue 3 web frontend. *sthenosworkout.it*

Clordy — Whitelabel CRM/ERP in full-stack Dart (Serverpod + Flutter Web): Google Maps geo-intelligence, real-time KPI dashboards, Clean Architecture shared across FE/BE.

WowSkill — World of Warcraft character tracker (EU/US): PvP stats (ratings, win rates, Solo Shuffle & Blitz), Mythic+ scores and run history per season and spec, and raid progression with boss-by-boss parses from WarcraftLogs, plus live leaderboards and multi-season history. Published on the App Store, Google Play, and Microsoft Store; Serverpod backend, OTA updates via Shorebird. *wowskill.org*

Web — SSR Flutter Web portfolio (Jaspr), React.js corporate website, custom WordPress themes.

◆ EDUCATION

B.Sc. in Computer Science

University of Molise — 2024

Thesis: software system for verifying TOLC test completion (full-stack Dart, Clean Architecture).

Java Campus — ISO 9001 Cert.

Randstad HR Solutions, Milan — 2018

Industrial Technical Diploma

I.T.I.S. "G. Marconi", Campobasso — 2010

◆ CERTIFICATIONS & LANGUAGES

ECDL — European Computer Driving Licence (2006)

AutoCAD Diploma (2007)

Italian — Native

English — B2

I authorize the processing of my personal data pursuant to EU Regulation 2016/679 (GDPR).