Paul Plaquette

Software Architect | Lead Mobile & Embedded Developer

Independent Consultant — Open to permanent positions depending on context and project

paul.plaquette@gmail.com · linkedin.com/in/pplaquette
Montpellier · Occitanie, « South of France » · France
Remote · On Site · Business Travel

trildaDevCenter

Software Architect with 35+ years of experience in native cross-platform development (Android, iOS, Linux, macOS, embedded systems). Specialised in Kotlin Multiplatform (KMP/CMP), Swift/Swift UI and C++/Qt. Apache Software Foundation Committer · Firmware Patent Holder · Signatory of the Agile Manifesto and Software Craftsmanship Manifesto.

SERVICES

Mobile Architecture Audit

In-depth analysis of your Android, iOS or cross-platform codebase. Assessment of architectural patterns, code quality and technical risks. Audit report with prioritised recommendations and action plan.

Technology Strategy & Advisory

Rigorous comparative analysis tailored to your context (team, budget, timeline, scalability). POC to validate the chosen approach. Documented recommendation, presentable to technical teams and management.

KMP / Compose Multiplatform Architecture Design

Design and implementation of robust, scalable mobile architectures. From scratch or migration to Kotlin Multiplatform. Multi-module Clean Architecture, shared business logic, native UI for Android + iOS, full CI/CD pipeline.

Application Modernisation & Evolution

Supporting the evolution of your existing applications: new features, partial or full rework, migration to modern architectures (Jetpack Compose, Swift UI, KMP/CMP). Progressive approach with no service interruption.

End-to-End Project Support

From feature definition to store publication: UX design (Responsive UX), native or KMP/CMP development, code internationalisation (i18n) and localisation (l10n), testing, CI/CD, Play Store & App Store delivery.

ENGAGEMENT MODEL

Contract:	Independent consultant (time & materials or fixed price) — Open to permanent roles
Location:	Montpellier · Occitanie, “South of France” · France
	Remote · Business Travel · On-site available
Languages:	French (native) · English (professional, conference speaker)
Availability:	On request — response within 48 hours

CLIENT REFERENCES

Intel OTC · Axeptio · Plussh · Tixéo · Schlumberger · CNES / ATOS · ACCESS Systems Japan · Palm Computing / Palm Source · Alcatel Business Systems · LOGi27

YOUR PROJECT

A native Android, iOS or cross-platform mobile project?

An architecture to rethink?

A team to strengthen?

Let's talk — initial discussions are commitment-free.

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LinkedIn
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