INTERNATIONAL SENIOR FULL-STACK, SAAS & MOBILE ARCHITECT

SENIOR CLOUD ERP, POS, FINTECH & FLUTTER ARCHITECT

Senior Full-Stack Software Architect & Product Engineer specializing in Multi-Tenant SaaS Platforms, Enterprise Resource Planning (ERP), Multi-Currency Point of Sale (POS) systems, Real-Time GPS Telemetry, and Offline-First Mobile Applications (Next.js, TypeScript, React 19, Flutter, PostgreSQL/Supabase).

CORE TECHNICAL STACK & ARCHITECTURE

Frontend & 3D Web Architecture — Expert Level

Next.js (App Router), React 19, TypeScript, Tailwind CSS, Three.js / WebGL, PWA Offline

High-performance enterprise dashboards, offline-capable Progressive Web Apps, interactive 3D e-commerce configurators, and responsive multi-language interfaces (EN/ES).

Backend, Cloud Databases & FinTech Integrations — Expert Level

Node.js, PostgreSQL, Supabase (RLS / Multi-Tenant), REST & WebSockets, Hardware POS

Multi-currency financial engines, automated recurring billing, tax retention workflows, digital invoicing activation gateways, QR verification, and real-time fleet telemetry.

Cross-Platform & Offline-First Mobile Development — Expert Level

Flutter, Dart, Riverpod, SQLite / Drift Offline Sync, React Native, Voice-to-Text, PDF Engine

Field operations mobile apps with bidirectional local-to-cloud synchronization, voice-assisted data capture, barcode/QR scanning, and instant PDF report generation.

PRODUCTION WHITE-LABEL SAAS PORTFOLIO (7 ENTERPRISE SYSTEMS)

MarketPOS Pro - Multi-Currency Retail ERP & Point of Sale — Production Ready

Next.js / Electron Desktop / PWA Offline / PostgreSQL

Complete retail management suite featuring fast barcode checkout, split multi-currency payments, daily cash shift reconciliation, accounts receivable, and real-time inventory control.

CondoMaster & ServicePay Cloud - Property & ISP Recurring Billing SaaS — Production Ready

Next.js / TypeScript / Multi-Tenant Cloud DB / Automated PDF & QR

Cloud billing platform for property management firms, shopping centers, and fiber-optic ISPs. Automates aliquot calculations, monthly statements, payment reconciliation, and QR solvency certificates.

FleetTracker GPS Pro - Real-Time Satellite Fleet & Dispatch Platform — Production Ready

React / Interactive Map Telemetry / Geofencing / Live Alerts

Logistics command center providing live vehicle tracking, route optimization, fuel and speed telemetry, driver assignment, and automated geofence notifications.

FieldOps Mobile Pro - Offline-First Inspection & Sales App — Production Ready

Flutter / Riverpod / SQLite Local DB / Cloud Sync / Voice Recognition

Mobile application engineered for zero-connectivity environments, enabling field engineers and sales teams to capture inspections, dictate notes via voice, and generate signed PDFs.