Frank Sera

Design Engineer

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Summary

Design Engineer with a hybrid profile combining **senior design** and **expert development**. I don't just design products —I build them end-to-end. With 4 apps published on the App Store, a SaaS platform in production, and experience leading technology transformations, I offer the rare combination of product vision and technical execution capability.

Experience

Product Designer & Front-End Developer, Techiegeeks – Miami, FL (Remote)   Jan 2025 – present
- Led complete technology transformation of a white-label fintech platform
- Migrated stack from **Capacitor + Angular** to *React Native* + **Expo +** Supabase****
- Coordinated team of 4-5 developers within 12-person company
- Designed and implemented multi-tenant architecture for international clients
- Product features: Wallet, international remittances, phone recharges, push notifications, gamification
- Product in production with active clients in Ethiopia

Founder & Full-Stack Developer, Ulula SaaS – Personal Project   Jan 2022 – present
- Built all-in-one platform for hospitality (orders, reservations, events, delivery)
- Integrated 4 payment providers (**Stripe, Redsys, PayPal, Square**)
- Implemented and verified **VeriFactu** (Spanish electronic invoicing compliance)
- Published shared **TypeScript** library on GitHub Packages
- Stack: **Next.js**, **React Native**, **TypeScript**, **Supabase**

Principal Product Designer → UI Developer, Inmigreat – Miami, FL → Madrid, Spain   Feb 2023 – Jan 2025
- 2 years as Principal Product Designer leading product design
- Additional 9 months as UI Developer implementing my own designs
- Designed real-time immigration case tracking system
- Established scalable design system for the product

Product Designer, NTL Biotech / NTL Laboratory – Chicago, IL   Oct 2023 – Oct 2024
- Designed digital products for biotech sector
- Applied UX research methodologies in scientific context

Art Director, Revista Alma Mater – Cuba   Feb 2023 – Dec 2023
- Led art direction for **centennial commemorative campaign**
- Developed visual identity and audiovisual pieces broadcast on **national television**
- Coordinated graphic production with national media outlets

Projects

Focus Mode
Task and project management app with modern MVVM architecture
- Stack: **Swift**, **Swift**UI, **Supabase**, StoreKit
- Published on App Store

Keyva
Cross-platform environment variables manager + CLI
- Stack: **Swift**, **Swift**Data, CloudKit, Keychain
- Published on App Store

Mivo
Publisher for Telegram channels
- Stack: **Swift**, **Swift**UI, **Supabase** Edge Functions
- Published on App Store

Ideas365
AI-powered multi-platform content generator
- Stack: **Swift**, **Swift**UI, Gemini 2.0, Firebase AI
- Published on App Store

Design System Extractor
Figma to Code design system extraction tool
- Stack: **Next.js** 15, **Figma** API, OAuth 2.0

Education

Universidad Internacional de Andalucía, Master's in Audiovisual Communication and Education – Spain	Nov 2023 – Sept 2024

- This degree enables work visa eligibility in Spain

Universidad de La Habana / ISDi, Bachelor's in Visual Communication Design – Cuba	Sept 2017 – Jan 2021

Skills

Design: Figma, UI/UX, Design Systems, Prototyping, User Research, Branding

Frontend: Next.js (expert), React, **TypeScript**, Tailwind CSS

Mobile: React Native + Expo, **Swift**, **Swift**UI, **Swift**Data

Backend: Supabase, Firebase, REST APIs, WebSockets, OAuth

Integrations: Stripe, Redsys, PayPal, Square, **Figma** API, Telegram API

AI: Claude, Gemini, OpenAI

Awards

- **ONDi Award** (National Design Office) — Branding for Cuban Heritage Cities (2022)
- **Memoria Nuestra International Award** — Editorial Design for Revista Guajiros (2022)
- **Academic Publication** — AI in Multimedia Advertising (2024)

Languages

Spanish: Native

English: Professional (B2-C1)

Additional Information

Availability: Immediate

Preferred mode: Remote (hybrid/on-site available with relocation)

Legal status: Spanish resident (post-master job search permit) — Highly Qualified visa modification in 20 days if offer ≥30K€