Hensell Espinoza

Full-Stack Developer | Flutter · Next.js · Node.js · TypeScript
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Portfolio · GitHub · LinkedIn

Profile

I build web and mobile products from architecture to production. Experienced in Flutter, TypeScript APIs, offline-first synchronization, and test automation across independent products and financial technology teams.

Experience

Smart UP — Full-Stack Developer · Remote | Jul 2025–Present

- Develop production Flutter features and integrations with Google Calendar, Cloud Functions, and GPS services.
- Automate mobile testing with Maestro and Mocktail; maintain CI/CD pipelines with GitHub Actions and Codemagic.

Financiera FDL — Software & QA Engineer · Managua | Apr 2024–Jul 2025

- Led a modular Flutter rewrite, reducing build times by 30% and increasing test coverage by 25%.
- Established the company's first QA automation framework for unit, integration, and UI testing.

Independent — Freelance Full-Stack Developer · Remote, part-time/contract | 2021–2025

- Built Flutter apps and Node.js/TypeScript APIs for international clients, covering authentication, permissions, payments, and offline-first synchronization.

Selected Projects

- **Consoly:** designed the experience and built the core Flutter app with Diego Velásquez (diegoveloper), Google Developer Expert. Programming challenges released on iOS and Android.
- **Takofy:** architected and built restaurant order and sales management with Flutter, PowerSync, and Supabase. Works offline and is used by local businesses.
- **Tentrix:** architected and developed a help desk with Next.js, NestJS, and PostgreSQL: tickets, tasks, reporting, and company- and role-based access.

Technologies

Flutter, Dart, React/Next.js, Node.js, NestJS, TypeScript, PostgreSQL, Supabase, PowerSync · Playwright, Maestro, Jest · GitHub Actions, Docker.

Education & Languages

Systems Engineering — Coursework completed. Spanish: native · English: B2 (upper-intermediate).