Hensell

Full Stack Engineer
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Professional Summary

Full Stack Engineer with 4+ years of experience building mobile applications, backend-connected features, and automated testing workflows. Improved Flutter build times by 30% and increased test coverage by 25% by leading a modular rewrite of a production codebase. Experienced in Flutter, Firebase, offline-first architecture, CI/CD, and QA automation, with a strong focus on maintainable code, stable releases, and smooth user experience.

Technical Skills

Mobile Development: Flutter, Dart, Firebase, offline-first architecture, PowerSync, modular architecture

Backend: Node.js, TypeScript, REST APIs, backend integrations, authentication flows

Testing & QA: Maestro, Playwright, Jest, unit testing, integration testing, UI testing, Mocktail

DevOps & Delivery: GitHub Actions, CI/CD pipelines, Docker, Postman, Allure, k6

Tools: Git, Railway, Vercel, Cloudflare

Professional Experience

Full Stack-Developer

Smart UP · Remote
Jul 2025 – Present

- Architect and maintain critical Flutter features for high-traffic production apps, focusing on modularity and force-update synchronization.
- Pioneer automated mobile testing using Maestro and MCP Mobile, significantly reducing regression cycles on real devices.
- Engineer stable, network-decoupled UI tests by standardizing test IDs and implementing mocking strategies (Mocktail, Dio Adapter).
- Optimize CI/CD pipelines via GitHub Actions, integrating Allure reports and coverage metrics to ensure 99.9% build reliability.

Software / QA Engineer

Financiera FDL · Managua, NI
Apr 2024 – Jul 2025

- Led a massive modular rewrite of the core Flutter codebase, achieving a 30% reduction in build times and a 25% boost in test coverage.
- Established the company's first end-to-end QA automation framework across unit, integration, and UI layers.
- Improved reporting reliability and deployment consistency across mobile and backend teams.

Full Stack-Developer

Freelance · Remote
2021 – Present

- Deliver cross-platform mobile solutions using Flutter for diverse international clients.
- Implement complex features: authentication, RBAC, integrated payment flows, and real-time multi-currency processing.
- Build offline-first architectures with PowerSync to keep apps usable in limited connectivity environments.
- Deploy production-ready apps and dashboards using CI/CD pipelines.

Languages

- Spanish: Native
- English: Professional Working Proficiency