

MOBILE & FULL-STACK ENGINEERING / FOR RIPPLE MEDICAL

Victor Manuel Lagunas Franco

Native mobile. Notifications. Connected systems.

Japan-based developer with 8+ years of experience across native iOS, Flutter and backend systems. I bring hands-on delivery of mobile notifications, device integrations and automated build and test workflows.

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RELEVANT EXPERIENCE FOR RIPPLE MEDICAL

01

iOS & Android alerts

Scheduled notifications, permissions, Android channels and tap handling.

02

Device integration

PitTouch terminals connected to Flutter apps and a Firebase backend.

03

Continuous integration

GitHub Actions CI; fastlane lanes for Kotozute tests and release packaging.

CORE ENGINEERING TOOLKIT

MOBILE

Swift / SwiftUI / UIKit / Flutter / Dart / Kotlin

WEB

TypeScript / React / Next.js / Remix

BACKEND & CLOUD

Node.js / AWS / Google Cloud / PostgreSQL / Supabase

TESTING & CI

GitHub Actions / fastlane / Flutter tests / golden tests

SELECTED PROFESSIONAL WORK

Engineering for real operations.

Travel commerce, workplace systems and educational software.

Travel commerce & AI planning

SEKAI STUDIO | TOKYO | MAY 2026 - PRESENT

Ownership: Full-stack delivery across customer experiences, back-office tools and service integrations.

Delivery: Built an eSIM storefront and admin panel, with AWS Lambda fulfillment integrating IJJ / KDDI carrier APIs, status polling and Stripe payments. Developed a multilingual tour booking platform with atomic reservation holds to prevent overbooking. Built an AI itinerary planner using Claude and retrieval over curated travel knowledge.

Remix / Next.js / TypeScript / AWS Lambda / Stripe / Supabase / PostgreSQL

Connected attendance & workplace tools

ANDAI | TOKYO | JUL 2024 - JUL 2025

Delivery: Connected PitTouch 3 time-clock terminals to Flutter apps and Firebase. Developed attendance logging and scheduling, a Next.js monitoring console, secure internal communication and offline QR scanning.

Contribution: Improved app performance and trained junior developers while working across mobile, web and backend systems.

Flutter / Firebase / Next.js / Supabase / TypeScript

Eight games, migrated to Flutter

TO-ON KIKAKU | TOKYO | DEC 2020 - JUL 2024

Migrated eight Unity minigames to Flutter with Flame for an educational platform. Built the backend with Hasura, PostgreSQL and Node.js, deployed on Google Cloud, and added unit and golden tests.

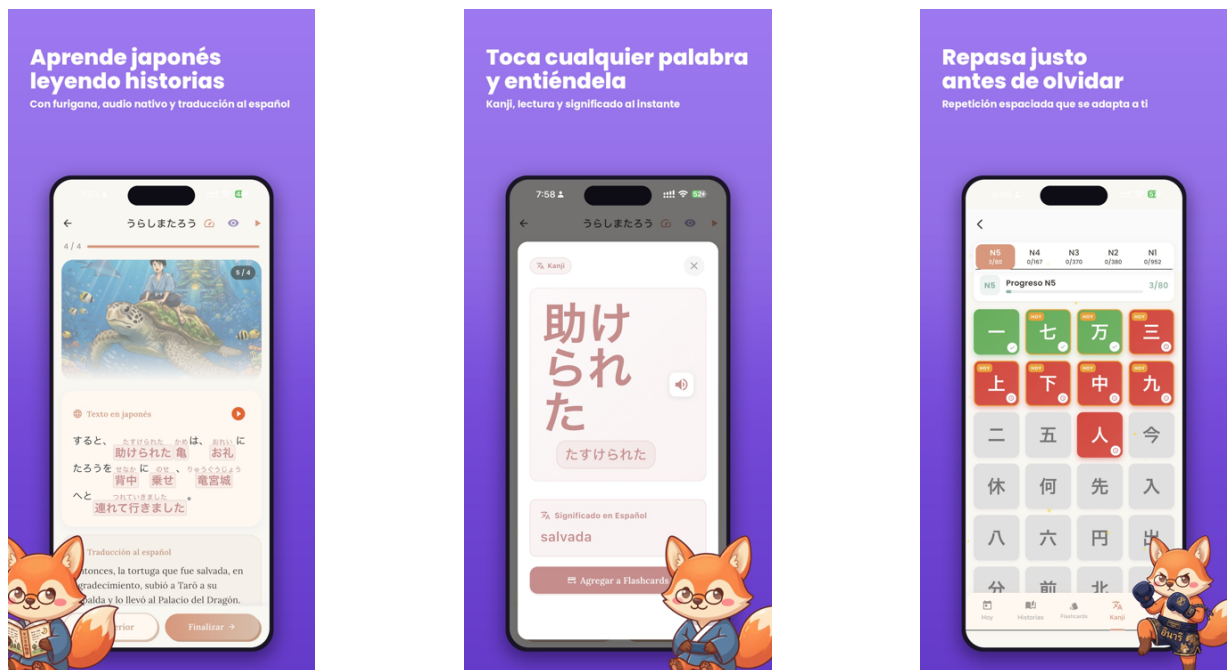
Flutter / Flame / GraphQL / Docker / Kubernetes / Google Cloud

LANGUAGE LEARNING / MOBILE & WEB

Historias en Japonés Español

Japanese learning through bilingual stories, reading and practice.

iOS & Android notifications: Built study reminders with timezone-aware scheduling, permission handling, Android channels and notification-tap callbacks using flutter_local_notifications.



UI & UX / SCREEN BY SCREEN

Reading hierarchy

Furigana, spaced text and distinct audio controls organize the bilingual reading view.

Official iPhone screenshots from the App Store

<https://apps.apple.com/app/id6447799398>

Focused word detail

Large kanji, reading and meaning form a clear hierarchy in the word-detail sheet.

Visible learning progress

Color-coded kanji tiles, counters and a progress bar make mastery easy to scan.

historiasenjapones.com

The web experience brings bilingual stories, audio and JLPT-based lessons to the browser. Next.js, a dedicated API and AI-assisted content generation support delivery.

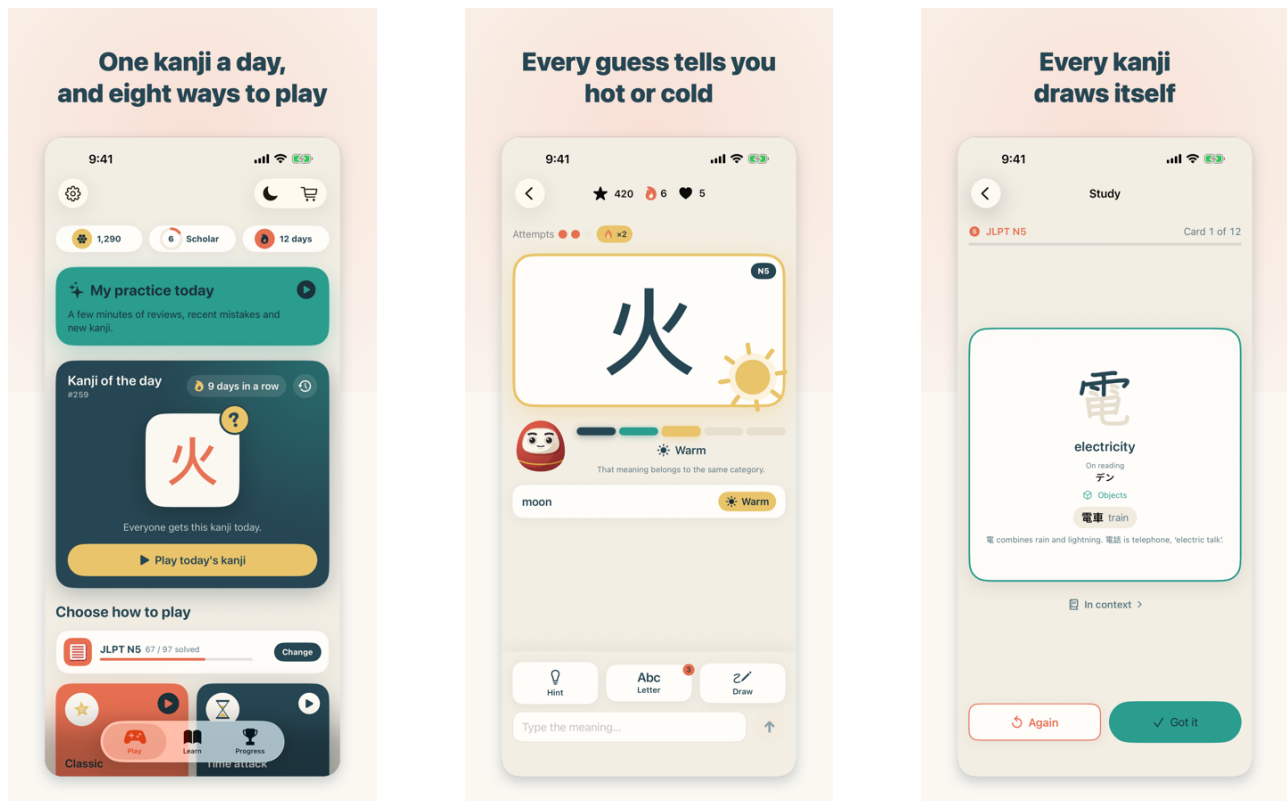
<https://www.historiasenjapones.com>



RECENT NATIVE iOS PROJECTS

Do You Know That Kanji?

A SwiftUI learning game that turns kanji practice into a hot-or-cold guessing challenge, with daily practice, spaced repetition and handwriting support.



UI & UX / SCREEN BY SCREEN

A clear visual focus

A teal daily card, large kanji and a contrasting start button establish the main action.

Readable game feedback

A heat scale, labeled clues and attempt indicators show feedback beside the kanji.

Consistent study controls

A spacious card centers stroke practice; paired Again / Got it buttons anchor review.

ENGINEERING BEHIND THE EXPERIENCE

SwiftUI powers the interface; PencilKit and Vision support handwriting. Daily challenges and spaced repetition connect practice with review. StoreKit 2 and Game Center support purchases and game features.

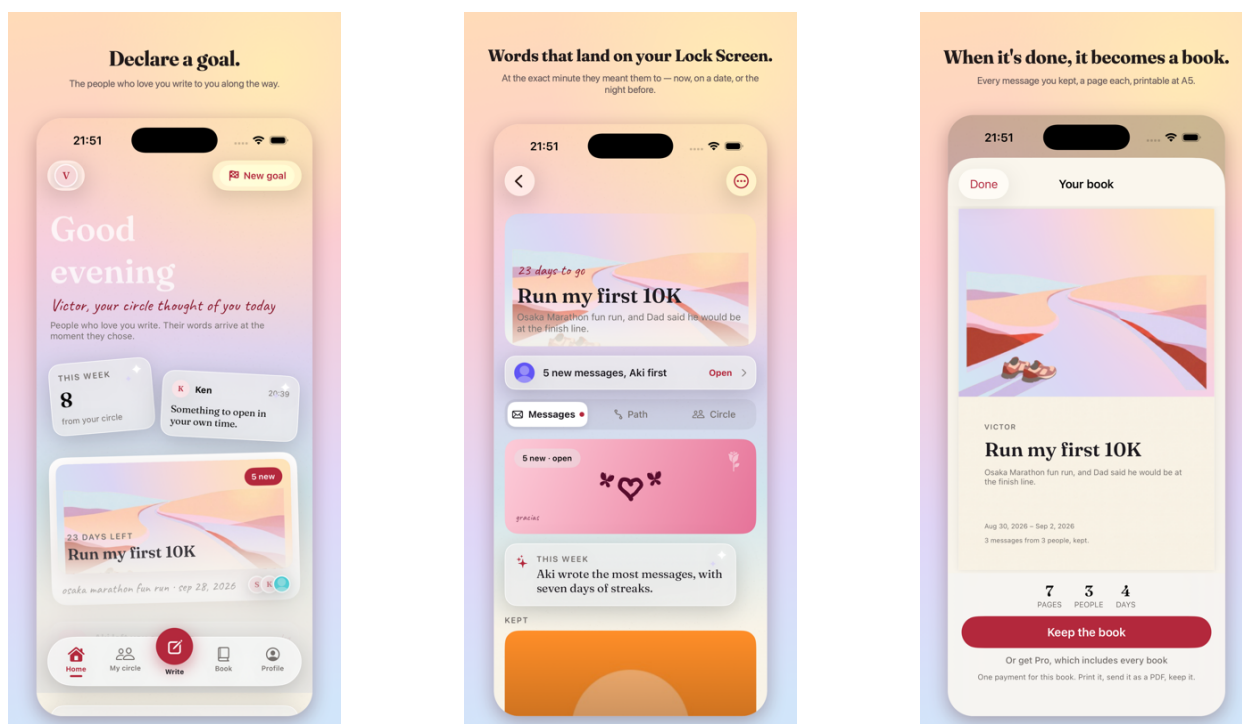
Demo available on request: admin@francodev.live

NATIVE iOS / MESSAGES, WIDGETS & ICLOUD

Kotozute

Meaningful encouragement, delivered at the right moment.

Friends send messages for a personal goal. Each one arrives at a chosen time, appears in widgets and can be kept in an archive that becomes a printable book.



UI & UX / SCREEN BY SCREEN

Warm visual language

Pastel gradients, rounded cards and serif headings give the dashboard a personal tone.

Expressive message cards

Paper colors and handwriting distinguish each letter; tabs organize the goal view.

A book-like composition

Cover artwork, editorial type and compact stats lead to the prominent Keep the book button.

iOS notifications: UserNotifications scheduling, permissions, rich attachments and tap-to-screen routing; CloudKit silent pushes refresh shared data.

Release automation: Configured fastlane test, build and TestFlight lanes. Validated 180 package tests and exported a signed iOS release build locally.

<https://kotozute.vercel.app>

EXPERIENCE & COLLABORATION

A track record across teams.

Experience in Japan and Mexico, plus remote collaboration with Uruguay.

2026**HumanoiD Inc. | Full Stack Developer**

Feb - Jun 2026. AI calling product features, AWS Amplify deployment, LangChain integrations and n8n automation.

2025 - 2026**Send | Full Stack Developer**

Aug 2025 - Feb 2026. Event ticketing, checkout flows and Next.js ISR / caching strategies for a remote team in Uruguay.

2019 - 2023**Driglo.net | Flutter Developer**

Health and tourism apps with native Swift / Kotlin integrations, Firebase authentication and RevenueCat subscriptions.

2015 - 2019**Earlier mobile engineering | Mexico**

Piktia: iOS product leadership. Sellcom: Sports World app features and quality. PagaTodo Mobile: banking onboarding and security.

Education

B.Sc. in Computer Systems Engineering
Instituto Tecnológico de Zacatepec | 2007 - 2012

B.A. in Digital Project Management
University of Guadalajara (online) | 2024 - ongoing

Let's build your next product.

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<https://francodev.live>