

Emmanuel Alanis

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PROFESSIONAL SUMMARY

Senior Full Stack Developer (5+ years) with platform-level ownership of production systems across fintech and logistics/e-commerce - frontend, backend services, security, and infrastructure. Currently own the React frontend end-to-end and co-own three backend services (Django, Symfony, Node/TypeScript) at a Mexican SOFOM (consumer lending fintech), with a deep specialty in identity verification - INE document OCR, facial liveness detection, digital signature flows. Long-term contractor (24+ months) for a US client, owning two production platforms end-to-end. **8,000+ automated tests maintained** across two production platforms; **2,200+ commits shipped in the last 5 months**; led a **zero-downtime production migration to AWS**. Spent years living and working in California - bilingual and genuinely bicultural, English as daily working language.

CORE COMPETENCIES

TypeScript (strict)

React 18/19

Next.js 15

Node.js

Django

PHP / Symfony

PostgreSQL | PostGIS

Docker | AWS

Stripe | Square

Biometric KYC (OCR | liveness)

JWT | MFA | CSP | OWASP

Playwright | k6

WORK EXPERIENCE

DXN - Mexican SOFOM (consumer lending fintech) Feb 2026 - Present

Senior Full Stack Developer

- Own the React frontend end-to-end and co-own three backend services (Django, Symfony, Node/TypeScript) on a live lending platform, as one of two full-stack developers reporting to the IT director; act as the team's merge and release integration point.
- Deep specialty in identity verification: INE document OCR, facial liveness detection (MediaPipe), and digital signature flows.
- Application security: JWT hardening, MFA and OTP flows, CSP, credential externalization; led a formal security audit with a multi-wave remediation plan.
- Led a zero-downtime production migration to AWS; built internal tooling from scratch - storage console, health dashboard, backup browser.

Ready Set Group - US client, SF Bay Area Jun 2024 - Present

Full Stack Engineer (Contractor)

- Own two production platforms end-to-end - features, security hardening, CI/CD, and infrastructure - with daily cross-timezone collaboration in English.
- Ready Set (logistics/delivery):** built a partner API integration layer connecting three catering marketplaces - CaterValley (live in production with automated tiered pricing), CaterCow, and ezCater - with HMAC-signed auth and per-partner rate limiting; real-time driver GPS tracking with proof-of-delivery capture; PostGIS-based mileage calculation for payroll; migrated infrastructure off Vercel to self-managed Docker on a Hetzner VPS.
- Destino SF (e-commerce/catering):** two-way Square catalog sync that eliminated double data entry for restaurant staff; concurrency-safe checkout preventing double charges and duplicate orders; resilience engineering (circuit breakers, retry queues); Playwright E2E, accessibility, and load testing - 14 production releases shipped in a 3-week window.

SELECTED PROJECTS

Consumer Lending Platform - Mexican SOFOM AML/KYC | in production

Loan-origination platform with biometric KYC and digital signing: facial liveness detection, INE document verification, JWT/MFA/OTP security hardening, zero-downtime AWS migration.
React | Node/TypeScript | Django | Symfony | PostgreSQL | AWS

Ready Set - Logistics & Delivery Platform In production

Multi-sided platform connecting vendors, drivers, and dispatch. Live partner marketplace integrations (CaterValley, CaterCow, ezCater), real-time GPS tracking, and a self-hosted infrastructure migration.

Next.js 15 | React 19 | TypeScript | PostgreSQL | Prisma | Supabase | PostGIS | Stripe | Twilio | Mapbox

Destino SF - E-commerce & Catering Platform In production

Storefront and catering system with two-way Square catalog sync and concurrency-safe checkout; circuit breakers and retry queues, plus rigorous QA (Playwright, accessibility, load testing).

Next.js 15 | React 19 | TypeScript | PostgreSQL | Prisma | Supabase | Square | Shippo

EDUCATION

Self-directed, continuous: [React PRO](#) (DevTalles, 2026) | [Next.js: Production](#) (Udemy, 2024) | [OpenAI with React + NestJS](#) (DevTalles, 2024) | [JS Algorithms & Data Structures](#) (freeCodeCamp, 2023 - 300 hrs)

SKILLS

Frontend: React 18/19, Next.js 15 (App Router), TypeScript (strict), Tailwind CSS, Zustand **Backend:** Node.js, Django, PHP/Symfony, Prisma

Database & Infra: PostgreSQL, PostGIS, Supabase, Redis, Docker, AWS, Hetzner, Coolify/Dokploy, GitHub Actions

Payments & Integrations: Stripe, Square, Shippo, Twilio, Mapbox/Google Maps, Resend/SendGrid

Security & Identity: JWT, MFA/OTP, CSP, biometric liveness detection, OCR document verification, OWASP remediation

Testing & Quality: Playwright, k6 load testing, accessibility (WCAG) testing - 8,000+ automated tests maintained

Languages: Spanish (native) | English (fluent - daily working language with US client)