

# JUAN LUIS ALMEIDA ROSS

## FRONTEND DEVELOPER

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Frontend developer with 3+ years building production web applications in React, Remix, and Vue. Most recently at a payments infrastructure startup, where I shipped a pay-by-phone IVR flow end to end, an Apple Pay integration, and the interface for a role-based access system. Server-side data loading in Remix and Nuxt, Cloudflare Workers, and PostgreSQL. Accessibility and performance treated as requirements, not extras.

### EXPERIENCE

**Payabli** — Frontend Developer Remote · May 2024 – Jun 2025

- Built and maintained the customer-facing portal in **Remix and TypeScript**, the interface where paypoints, users, and vendors manage payment operations, configure their accounts, and review reporting.
- Helped launch the **customer portal** from the ground up with another developer, building the initial screens and routing for the section where merchants' customers view their transactions and pending payment information.
- Delivered a **pay-by-phone IVR flow end to end** using **Plum Fuse**, a PCI-compliant voice platform: call-flow design, data processing logic, and API integration across each step of the flow. Shipped to production and processing live merchant transactions.
- Built the frontend for **user management** as it moved off a legacy vanilla JavaScript system onto the new Remix platform — user creation, password reset flows, and per-paypoint permission assignment under a new **role-based access model** — and integrated **Apple Pay** into the payment page module used by paypoints to accept payments.
- Contributed to a **platform-wide accessibility initiative**, resolving audit-flagged issues across the portal: ARIA attributes and roles, semantic markup, keyboard and screen reader navigation, and layout conflicts affecting assistive technology.

**BYT Digital Marketing Agency** — Web Developer Havana, Cuba · Mar 2021 – Dec 2022

Digital agency building websites, applications, and marketing campaigns for business clients.

- Built the frontend of an **order management system** in **Vue.js** for an office equipment repair company, covering the full service lifecycle: request intake, approval, technician and courier assignment, and completion tracking.
- Designed and built the **customer-facing website for 7 Wireless**, a Miami-based phone and computer repair retailer, in **Vue 3** — handling both UI design and implementation with no dedicated designer on the project.
- Delivered work in sprints with direct client demos and feedback at each milestone.

**Independent Projects** — Web Developer Havana, Cuba · Sep 2019 – Mar 2021

Built a full-stack sales tracking application in **Django** for a prepaid internet card reseller, modeling card categories and price tiers with reporting on sales activity.

### PROJECTS

**Name Sprout** — iOS application 2026 · React Native (Expo), TypeScript

- Built and shipped a mobile app backed by a **Cloudflare Worker proxy layer** — provider credentials stay server-side so no API keys ship in the app bundle, with per-IP rate limiting at the edge and hard spend caps on each provider account bounding operating cost.
- Implemented a **four-tier degradation chain**: three LLM providers tried in cost order with per-attempt timeouts and classified failures, falling back to a bundled local catalog when all three fail, so the feature never returns an empty state — the same path covers being offline.
- Designed a **repository-pattern data layer** that lets unauthenticated users save locally and merges their data into their account on sign-in, deduplicated by a deterministic content key computed identically in the client and as a generated column in PostgreSQL.
- Enforced access control with **Supabase auth and row-level security**, keeping authorization rules in the database rather than the client.

### SKILLS

**Languages & Core:** TypeScript, JavaScript (ES6+), HTML5, CSS3, Python

**Frontend:** React, Remix, Vue 3, Nuxt 3, React Native (Expo), responsive design, web accessibility (ARIA, semantic HTML)

**Backend & Data:** Server-side rendering and data loading in Remix (loaders, actions) and Nuxt, Cloudflare Workers, Supabase (PostgreSQL, row-level security), Django, REST APIs

**Tools & Practice:** Git, Figma, Vitest, CI code review, Agile/sprints

### EDUCATION

**Bachelor of Computer Science, Information Technology**

Enrique José Varona University of Pedagogical Sciences · Havana, Cuba · 2014 – 2019

### CERTIFICATIONS

Claude Code — Master.dev (formerly Frontend Masters) · Aug 2026

Deep JavaScript Foundations, v3 — Master.dev · Aug 2025

JavaScript: The Hard Parts, v2 — Master.dev · Feb 2025

Django / Python Course — DESOFT Software Development Company · 2020

### LANGUAGES

Spanish (native) · English (professional working proficiency)