

Larry Adames

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Professional Summary

Software Engineer and CPA with over 10 years of experience building scalable applications and end to end testing frameworks. Currently delivering full-stack web solutions for local businesses as a freelance contractor. Expertise spans the entire stack, from crafting high-performance user interfaces in React and Next.js to architecting robust backends with Ruby on Rails and Node.js. Unique dual-background provides deep technical and financial oversight for complex user flows.

Technical Skills

- **Languages:** TypeScript, JavaScript, Rust, Ruby, SQL.
- **Frontend:** React, Next.js, Svelte, Flutter (iOS/Android/Web), Tailwind CSS
- **Backend & DB:** Ruby on Rails, Node.js, Django, PostgreSQL, MongoDB, Redis, Neo4j.
- **Fintech/Payments:** Stripe (Connect/Issuing/Webhooks), Plaid, PayPal.
- **AI Development & Agents:** Claude Code, OpenClaw, Cursor

Professional Experience

Freelance Software Engineer | Miami, Florida | *February 2025 – Present*

- Designed and launched a modern, high-performance website for a roofing and weather recovery solutions company using **Next.js**, **React**, and **Vercel**
- Built full contact form workflow with **reCAPTCHA security**, **Google Maps** integration, and seamless backend integration to **JobNimbus CRM**
- Implemented live Google Reviews counter and dynamic features to increase trust and lead conversion
- Optimized website for **Search Engine Optimization (SEO)**, **Answer Engine Optimization (AEO)**, and **local GEO** targeting to drive organic traffic and visibility
- Collaborated closely with designer using **Figma** to translate UI/UX designs into clean, responsive production code

Shielded Technologies (Midnight) | *Remote Performance & Automation Engineer* | *Dec 2025 – April 2026*

- Authored specialized scripts to aggregate and analyze logs from distributed test network nodes to monitor mempool management and block production
- Analyzed block importation and resource management data to optimize validation times for shielded transaction protocols
- Developed performance-tracking tools to ensure network stability under high-concurrency stress tests

Input Output Global (IOG / IOHK) | *Remote SDET (Partner-Chains)* | *Feb 2024 – Nov 2025*

- Developed test cases for Substrate-based nodes, ensuring robust functionality for cross-chain operations and consensus mechanisms (GRANDPA/AURA)
- Evaluated resource-intensive indexing solutions (Cardano db-sync) to improve usability for external chain builders
- Configured high-efficiency CI pipelines using Earthly to streamline testing for distributed blockchain environments

Input Output Global (IOG / IOHK) | Remote SDET (Marlowe Team) | Nov 2021 – Jan 2024

- Collaborated on the flagship “Contract Runner” DApp, implementing wallet connector and educational UI components to lower the barrier for Marlowe smart contract adoption
- Developed robust, type-safe UI logic using PureScript and React, ensuring functional consistency between frontend and underlying Haskell-based smart contracts
- Built high-visibility Proof-of-Concept applications (Vesting and Crypto-Withdrawal) to showcase the Marlowe TypeScript SDK and its integration with the Mesh library
- Designed UI components and navigation schemas for sample DApps, serving as a blueprint for external developers building on the Marlowe protocol

United for Respect | Remote Software Engineer | April 2020 – Nov 2021

- Architected complex data models in Neo4j to map relationships among thousands of users, enabling organizers to identify and train potential community leaders
- Achieved 500% reduction in API response times (6s to 1s) by optimizing Ruby on Rails serialization and implementing strategic attribute scoping
- Developed a complex mapping application with Svelte and Google Maps, breaking monolithic queries into component-level data requests
- Built and deployed mobile social features using Flutter for real-time communication in labor organization efforts

GiveLively LLC | New York, NY Senior Software Engineer | April 2017 – April 2020

- Led development of a nonprofit donation platform supporting thousands of organizations with customizable campaign, fundraising, and event ticketing pages using React, Ruby on Rails, and PostgreSQL
- Engineered a suite of customizable React components allowing unlimited personalized donation pages, significantly increasing user engagement
- Led implementation of Stripe Connect and Webhooks for direct non-profit donations, including connected accounts, webhooks, and payment syncing
- Integrated Plaid, PayPal, and Stripe one-time/subscription logic with optional donor transaction fee coverage
- Dramatically improved front-end performance by optimizing SQL queries, reducing page load times from 7 seconds to under 1 second
- Designed complex SQL queries and PostgreSQL indexes to aggregate high-volume donation and ticketing reports
- Established continuous deployment process with automated testing using Heroku

TuneCore | Brooklyn, NY Software Engineer | April 2016 – March 2017

- Integrated social media accounts manager application (AngularJS) into the main Ruby on Rails platform, creating a versatile API consumed by iOS and Android mobile applications
- Identified and resolved numerous bugs in legal review application built with Django; implemented performance and UI enhancements for a more streamlined process

Leest, Inc. | New York City Metropolitan Area Lead Web Developer | October 2015 – April 2016

- Spearheaded backend and core front-end development using Ruby on Rails, Bootstrap, and jQuery; successfully onboarded the company's first four clients
- Developed advanced experience booking feature with in-app calendar and Google Calendar integration; incorporated Google Maps API for hotel-to-experience directions

Certifications

- **Certified Public Accountant (CPA):** New York State (Inactive)