

Luis Rodriguez

Full-Stack Software Engineer | .NET, React, Angular

Toa Alta, Puerto Rico (US citizen, no sponsorship needed) | 787-980-5868 | luisangelrod17@gmail.com | LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Bilingual (Spanish/English) full-stack software engineer with 3+ years building and supporting production systems for retail/POS, payments, government, and public-health clients, after nine years in customer-facing roles across consultative sales and technical support. Covers the full lifecycle: requirements discovery, build (C#/.NET, React, Angular, TypeScript, SQL), deployment, production troubleshooting, and end-user education. Applies LLM and agent tooling in day-to-day delivery.

CORE STRENGTHS

Solutions and customers: Requirements discovery, workflow mapping, product demonstrations, consultative sales, customer education, technical troubleshooting, stakeholder communication

Software delivery: C#/.NET, React, Angular, Ionic, TypeScript, Node.js, REST APIs, SQL Server, PostgreSQL, Supabase, Azure (Static Web Apps, DevOps, Document Intelligence, Blob Storage), GitHub Actions CI/CD, Playwright, Cypress, WebSockets, LLM/agent workflows

Languages: Spanish (native), English (professional working proficiency)

PROFESSIONAL EXPERIENCE

Software Developer | Business Computer POS (BCPOS) Sep 2025 – Present

- Build and support production web, mobile, kiosk, and backend systems for POS, payments, and medical-transport clients in C#/.NET, React, Angular, Ionic, SQL Server, and PostgreSQL.
- Shipped a real-time medical-transport driver app (React PWA) to production on Azure Static Web Apps: WebSocket and adaptive-polling dispatch, offline sync, EN/ES i18n, WCAG accessibility, 200+ automated tests, and a full CI/CD pipeline (lint, typecheck, test, deploy).
- Built a Node.js/TypeScript hardware bridge integrating Epson, Star, and TSC receipt/label printers and barcode scanners with POS software over USB, serial, and Ethernet.
- Migrated a payments SQL Server database and verified integrity with a 17-table smoke test; troubleshoot production issues and explain requirements and trade-offs directly to stakeholders.

Software Engineer, AI Training Data (Contract, part-time) | Handshake AI Jun 2026 – Present

- Author and evaluate terminal-based benchmark tasks for coding agents and document reproducible failure modes with the evaluation team.

Frontend Engineer (Contract) | Vaco by Highspring, via Tech First May 2025 – Sep 2025

- Built Angular/TypeScript workflows for a document-driven investigation platform on Azure Document Intelligence and Blob Storage; turned requirements into reusable UI components and validated APIs against Docker and Oracle environments.

Software Developer (Contract) | Puerto Rico Department of Health, Epidemiology Division Jun 2024 – Mar 2025

- Shipped Angular/TypeScript features for the Bioportal public-health platform in a regulated environment: JWT-secured workflows, SQL-backed forms, and GitLab CI/CD, with code review on a shared monorepo.

Developer II | Truenorth Corporation Feb 2023 – Mar 2025

- Delivered government-facing C#/.NET and SQL Server applications from requirements clarification through release and maintenance in Azure DevOps; partnered with product, QA, and business users to reproduce defects and explain technical constraints.

Software Developer / QA (Contract, concurrent) | Require Technology Sep 2023 – Dec 2024

- Developed and tested a React-based online learning platform for students, teachers, and administrators; wrote regression test cases, documented reproducible defects for engineering, and moved browser testing from Cypress toward Playwright.

INDEPENDENT PRODUCTS (SELECTED)

- Safe Shores (alexis.pr)** — live bilingual beach-safety app covering 98 Puerto Rico beaches with NOAA/NWS weather and marine data integration.
- VendeYa** — listing distribution and lead-pipeline tool for car salesmen (Next.js, Supabase, queue-driven Playwright automation).

CUSTOMER-FACING SALES & SERVICE EXPERIENCE

Mobile Expert | T-Mobile Jul 2019 – Nov 2021

- Consultative device and plan sales; explained technical options in plain language and resolved device, account, and connectivity issues while balancing sales goals with accurate customer education.

Customer Service & Sales Representative | AT&T; customer support roles (payments call center, CertaPet, USPS) 2015 – 2019

- Recommended wireless products and services, resolved credit card charge disputes and refunds, and troubleshoot common device and service problems.

Earlier Sales & Customer Service | Club Demonstration Services, Pueblo Supermarkets, Coquinet Wireless, Claro 2012 – 2015

- Product demonstration and in-store sales, front-of-store operations, and mobile-support call center work.

EDUCATION

University of Puerto Rico at Bayamón — Computer Science coursework (non-degree), through May 2022