

LUIS A. RODRIGUEZ RIVERA

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Summary

Full-stack engineer with 5+ years building and shipping production systems end to end — TypeScript, React, and .NET across enterprise SaaS, healthcare, and fleet management. Currently AI-augmented with Claude Code CLI, Anthropic Claude API, and MCP Server integrations as daily tools — sole engineer delivering 3x velocity and 85% production-ready output across 4 live enterprise systems at BCPOS. Seeking AI engineering or technical lead roles where the work is genuinely hard; US citizen based in Puerto Rico, remote-ready.

Technical Skills

AI & Tools: Claude Code CLI, MCP Servers, Anthropic Claude API, Cursor IDE, GitHub Copilot, Agentic Workflows

Frontend: React 19, Angular, Next.js 14/16, TypeScript, Tailwind CSS, Ionic

Backend: .NET Core, Node.js, Prisma, REST APIs, C#, ASP.NET MVC

Cloud & DevOps: Azure, AWS, Vercel, Docker, CI/CD, Azure DevOps

Databases: PostgreSQL, Supabase, SQL Server, MongoDB

Payments & SaaS: Stripe, Twilio SMS, HIPAA SaaS, Clerk Auth

Testing: Vitest, Playwright, Cypress

Professional Experience

AI-Augmented Software Developer | Business Computer POS (BCPOS) | 09/2025 – Present

Technologies: Claude Code CLI, Next.js 14/16, TypeScript, Angular, Ionic, Prisma, PostgreSQL, Anthropic Claude API, Twilio SMS, Stripe, Clerk Auth, Vitest, HIPAA SaaS

- Built GOFLEETCARE-WebApp from scratch using Claude Code CLI and advanced prompt engineering—delivered 85% production-ready fleet management system with real-time tracking, driver management, and reporting dashboards.
- Developed Lead Response SaaS platform for med-spas: AI-powered SMS engagement system using Anthropic Claude API, achieving automated lead conversion with HIPAA-compliant architecture.
- Architected Ionic POS Cash application for Codepola using prompt-driven development, implementing offline-first architecture with real-time sync capabilities.
- Engineered complex integrations including Twilio A2P 10DLC SMS, Stripe subscriptions, Google Calendar OAuth 2.0, and QStash async job processing.
- Mastered MCP Servers, custom skills, and agentic workflows to accelerate development velocity by 3x compared to traditional coding.
- Implemented comprehensive testing strategies with Vitest and Playwright, achieving 80%+ code coverage through AI-assisted test generation.
- Contributed to SaludMedica healthcare platform: Angular-based medical management system with secure patient data handling.

Frontend Engineer | Tech First | 05/2025 – 09/2025

Technologies: Angular, TypeScript, Tailwind CSS, Docker, Oracle DB, Azure Blob Storage, Azure Document Intelligence

- Built Angular feature modules for a document-driven investigation platform, integrating Azure Document Intelligence to automate data extraction from uploaded files.

- Architected Azure Blob Storage integration for secure multi-format file management and built JWT-authenticated REST APIs for document access control.
- Containerized Oracle databases with Docker to standardize local development environments and eliminate configuration drift across the team.

Software Developer | Dept. of Health of Puerto Rico | 11/2023 – 03/2025

Technologies: Angular, TypeScript, Tailwind CSS, GitLab, Azure Data Studio

- Shipped feature enhancements across Angular health IT systems for Puerto Rico's Dept. of Health, improving data workflows for clinical and administrative staff.
- Implemented JWT-based authentication and authorization strengthening application security.
- Maintained GitLab CI/CD pipelines and coached junior developers on Angular component architecture and debugging strategies.

Software Developer | Truenorth Corporation | 02/2022 – 01/2025

Technologies: .NET Core, C#, ASP.NET MVC, Entity Framework, SQL Server, Azure DevOps

- Designed and built backend modules in .NET Core for government-facing platforms with Azure DevOps CI/CD.
- Engineered SQL Server schemas, stored procedures, and query optimizations to support complex reporting requirements for government-facing platforms.
- Delivered sprint commitments in cross-functional Agile teams, integrating third-party APIs and ensuring on-time releases for government clients.

QA Associate / Software Developer | Require Technology | 06/2019 – 02/2022

Technologies: React, Playwright, Cypress, AWS, Redux, Jira

- Developed React applications with reusable components, Redux state management, and RESTful APIs.
- Led transition from Cypress to Playwright for improved cross-browser test coverage and stability.
- Deployed React applications to AWS and worked closely with UX/UI designers to translate Figma mockups into pixel-accurate, responsive components.

Featured AI-Built Projects

Lead Response SaaS — AI-powered lead engagement platform for med-spas

Next.js 16, TypeScript, Prisma, PostgreSQL (Neon), Anthropic Claude API, Twilio SMS, Stripe, Clerk Auth, QStash. Built entirely through prompt engineering with Claude Code CLI. HIPAA-aware architecture with PHI detection.

GOFLEETCARE-WebApp — Enterprise fleet management system

Angular, TypeScript, .NET Core backend, real-time GPS tracking, driver management, maintenance scheduling, reporting dashboards. 85% production-ready via AI-assisted development.

Ionic POS Cash — Cross-platform point-of-sale application

Ionic Framework, Angular, offline-first architecture, real-time sync, inventory management. Developed for Codepola using advanced prompt engineering techniques.

Foundational Projects

BioPortal Salud — Puerto Rico health services portal | Angular, TypeScript, Ionic, Government Health APIs

Covid Stats App — Real-time pandemic tracking | Swift, iOS, REST API integration

First MVC App — ASP.NET Core web application | C#, ASP.NET MVC, Entity Framework

Loan Calculator & Hundo — Financial tools | JavaScript, HTML5, CSS3, Responsive Design

Languages

Spanish (Native) | English (Advanced)