

Carlos J. Sanchez

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Full-Stack Software Engineer with 15+ years of experience building business software, including 6+ years delivering modern web applications with JavaScript/TypeScript, React, Next.js, Node.js, and Laravel. Automated integrations across ERP, CRM, e-commerce, and event platforms, reducing manual workload by 40%. Strong in full-stack delivery, CI/CD, API integrations, SQL, and translating business requirements into scalable software solutions.

WORK EXPERIENCE

Full Stack Web Developer, Ricoma International Corporation

March 2020 – Present

Full-time: Mar 2020–May 2022; Sep 2024–Present | Part-time: May 2022–Sep 2024

- Automated integrations across 6 platforms (NetSuite, Salesforce, HubSpot, Shopify, Eventbrite, Bizzabo), eliminating manual data entry and syncing customer, order, and event data in real-time.
- Implemented CI/CD pipelines with GitHub Actions across 4 applications, reducing deployment time from manual hours-long releases to automated deployments completed in minutes.
- Engineered Garmeo.com end-to-end using Next.js, Nx, and Shopify GraphQL, enabling customers to customize garments with real-time image uploads, positioning, and resizing before purchase.
- Built the Ricoma Customer Portal in Laravel and Vue, giving customers self-service access to training content, referral rewards, and purchase history while reducing support dependency.
- Designed a reusable landing-page component system with Astro, Tailwind CSS, and JSON-driven content, reducing page delivery time from days to hours and supporting 20+ landing pages.

Full Stack Web Developer, Simplistics Web Design Inc

May 2022 – September 2024

- Delivered 7 custom WordPress websites for 12 clients using a reusable component-based approach that improved consistency and development efficiency.
- Maintained and enhanced client websites by implementing new sections, resolving performance issues, and improving overall reliability.
- Built an internal monitoring platform combining a WordPress plugin and web admin panel with real-time error tracking, environment management, and IP whitelisting across client sites.

Software Engineer (Progression: Junior Developer → Mid-Level Developer → Team Lead)

Sistemas y Soluciones Integradas

April 2009 – March 2020

- Proposed and architected Mercurio, a unified enterprise platform connecting subsidiaries, housing, loans, HR, and affiliate workflows through REST APIs.
- Released a React Native mobile app for Mercurio, extending platform access to mobile users.
- Built payroll frontend functionality in AngularJS for 5 companies with large employee populations.
- Led a team of 8 developers across 17+ enterprise software projects for compensation fund clients in finance, education, services, housing, and hospitality.

SKILLS

Programming Languages: JavaScript, TypeScript, PHP, SQL

Frontend: React, Next.js, Vue, Astro, Tailwind CSS, HTML, CSS, jQuery

Backend: Node.js, Laravel, WordPress

Databases: PostgreSQL, MySQL, Redis, MongoDB

DevOps / Tools: GitHub Actions, Docker, Git, Vercel, DigitalOcean, Dokku, Laravel Forge, Postman, Insomnia, BullMQ

Spoken Languages: English, Spanish

EDUCATION

Master's in Software Engineering & Computer Systems — International University of La Rioja, Spain — March 2020

Bachelor's in Computer Engineering — University Piloto de Colombia, Colombia — May 2012