

Software Engineer

Yalianny Gonzalez

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About Me

Software engineer with 5+ years specializing in JavaScript frameworks Vue.js and React.js. I have built complex web applications from scratch, optimized existing applications, implemented new features, and enhanced user experience. Comfortable working in remote-first contractor roles with international teams

Skills

Frontend: Javascript, Typescript, Vue.js 2/3, Nuxt, React.js, Next, Single SPA, Tailwind, Vuetify, Quasar, CSS, HTML.

Backend: Node.js, Express.js, MySQL, PostgreSQL, SSR, Server actions, ORM: Drizzle.

Testing: Vitest, Playwright (E2E).

Tools: Git, Docker, CI/CD (GitHub Actions), Axios, CASL, JWT.

Work Experience

Front-End Developer - Atomic Pixels

May 2024 – November 2025 · Remote

- Built reusable components with Vue.js 3 and TypeScript, ensuring consistency across the UI.
- Maintained a Nuxt application, implementing new features with scalable patterns and architecture.
- Controlled UI visibility and features accessibility by role using CASL and custom directives.
- Handled global state with Pinia, keeping data flow predictable across the application.
- Managed multiple API clients, to separate concerns of users management and QR design and customizations.
- Designed and implemented E2E tests with Playwright covering critical user flows, catching bugs early and reducing regressions before production.

Full-Stack Developer - Nereus Supply Chain

December 2020 – May 2024 · Remote

- Built a complex commercial platform UI from scratch using reusable components written in Vue.js 2, Vue.js 3, Nuxt and React.js.
- Developed features covering metrics dashboards, inventory management, statistics, forms, data tables, data visualizations, and interactive map and layer visualizations.

- Built consistent UI across 3 applications using Vuetify and Quasar, applying custom themes to ensure design coherence and usability at scale.
- Developed and maintained 20+ RESTful API endpoints using Node.js, Express.js, and MySQL, with pagination, indexing, and optimized queries.
- Integrated 2 new pages into a legacy system using Single SPA micro-frontend architecture, without affecting the existing codebase.
- Implemented unit tests for reusable Vue components using Vitest and Vue Test Utils.

Web Developer - Canica Cuadrada

March 2019 – October 2020 · Remote

- Built and maintained static web pages using RootJS, PugJS, HTML5, and Contentful, helping to keep the front-end code clean and easy to scale.
- Developed and connected APIs to automate business processes, making workflows faster and reducing manual tasks across teams.

Projects

Guardianes F.C. - Freelance

Full-Stack Developer

Next.js 16 (App Router, RSC), React 19, TypeScript, Tailwind CSS v4, Drizzle ORM, PostgreSQL (Neon), TanStack Query v5, TanStack Table v8, Clerk, Cloudinary, Zod, Storybook

Bilingual platform replacing spreadsheets for a youth football academy, a role-gated admin dashboard for players, matches, rosters, staff and media, plus a public site for parents and prospective families.

- Architected and delivered the entire system solo: a 14-table relational schema across 27 migrations, with React Server Components hydrating a TanStack Query cache and Zod-validated Server Actions as the sole backend surface.
- Built the complete admin suite, player registry with tabbed drawers, match-day roster and goal-stat builders, coaching staff, a TipTap rich-text news editor and Cloudinary-backed photo albums, plus searchable tables, bulk delete and CSV export.
- Implemented signed browser-direct media uploads that bypass the server, Clerk role-based routing via custom session claims, and a 636-key English/Spanish i18n layer whose symmetry is enforced by the type-checker.
- Authored a hand-built component library of 20 primitives on a token-driven Tailwind v4 theme, documented in Storybook with accessibility checks and consumed by both the admin and public surfaces.
- Optimised the public site for discovery with per-page generated metadata, a dynamic OG-image route for match results, and WhatsApp share links.

Zinu - Freelance Project

Full-Stack Developer

Vue 3, Pinia, Node.js, Express, MySQL, ethers.js, Alchemy SDK

Web3 rewards platform where holders of a 10,000-NFT collection connect a wallet to track staked balances and claim ERC-20 token rewards on Ethereum.

- Architected and delivered both repositories as sole developer, building the claim flow around EIP-2612 permit signatures and a batch multi-claim that settles multiple NFTs in one transaction.
- Designed the MySQL schema and REST API indexing ownership, metadata and claim history from the Alchemy NFT API, powering top-staked, top-claimed and recent-activity leaderboards.
- Shipped multi-wallet support (MetaMask, WalletConnect, Coinbase Wallet) and an admin panel letting the client configure reward periods independently

Gamaprod - Freelance

Full-Stack Developer

Next.js 16, React 19, TypeScript, Tailwind CSS v4, Zod, Google Drive API, Google Apps Script, GitHub Actions, PostHog

Spanish-language booking site for a photography studio, where clients browse session packages, check availability, and submit booking requests without a back office.

- Engineered an end-to-end booking flow, package selection, availability calendar that greys out confirmed dates, and a validated request form posting to a Google Apps Script endpoint, with a WhatsApp fallback so requests never drop.
- Built a headless content pipeline that converts client-owned Google Drive sheets into Zod-validated JSON via scheduled GitHub Actions, letting a non-technical owner update copy, photos, and reserved dates without a developer or CMS.
- Architected the site as a serverless static export with a token-based design system and typed PostHog event instrumentation across the booking funnel.

Flashcards - Personal Project

Full-Stack Developer

Nuxt 4, Vue 3, TypeScript, Nitro, MongoDB Atlas, Tailwind CSS v4, Google Gemini API, PostHog, Netlify

A personal study app for creating, organizing, and reviewing tag-based flashcards, with AI-generated card content that removes the manual work of writing definitions, examples, and mnemonics.

- Architected a dual-backend data layer behind a single composable store, letting the app run in guest mode on localStorage and switch to an authenticated MongoDB API without duplicating domain logic.
- Integrated Google Gemini with schema-enforced JSON responses and an automatic model-fallback chain, keeping card generation available when a model is rate-limited or overloaded.

- Designed and built the study interface, virtualized infinite scroll, difficulty grading, tag filtering, on a custom token-based design system, and instrumented product analytics.

Education

Bachelor's Degree 2012 – 2019: Computer Engineering.

Universidad de Oriente, Venezuela

Relevant coursework: Programming Fundamentals, Programming Logic, and Object-Oriented Programming Languages: C++, C#, Java.