

Ernesto Nuñez Marrero

FULL STACK SENIOR DEVELOPER

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Profile

Senior Full-Stack Developer with 8+ years delivering high-performance, user-centric applications across web, mobile, and desktop. Expert in React, Next.js, and TypeScript; adept with Node.js and Python, designing scalable APIs and cloud-native architectures (AWS Amplify, Cognito, Lambda, GraphQL). Led payment platforms and fraud-resistant integrations (3DS, PayPal, Nexio, Kount, WorldPay) and migrated REST services to GraphQL to accelerate response times and streamline data access. Known for rigorous testing (Jest, pytest), clean architecture, and cross-functional collaboration to ship secure, scalable solutions aligned with business goals.

Employment History

Senior Next Developer, Thryv

Mar 2023 — Present

Senior Next.js developer leading feature delivery and service integrations to advance the product roadmap.

- Designed and shipped new Next.js modules and Node/Express services end to end; refined UI components for accessibility and performance.
- Optimized existing services and front-end rendering to improve load times, reliability, and user engagement.
- Collaborated with design, product, and backend teams to scope, review, and deliver secure, scalable solutions.
- Stack: React, Next.js, TypeScript, Node.js, Express.js, Tailwind CSS, React-Bootstrap, Joi.

FullStack Developer, Pulseara

Jan 2023 — Jan 2025

Built a multi-platform product across desktop, web, and mobile with a serverless, event-driven backend.

- Designed and implemented authentication, payments, and data APIs using AWS Amplify, Cognito, Lambda, AppSync/GraphQL, and Stripe.
- Developed responsive, high-performance UIs with React and Material UI.
- Delivered a desktop app with Electron and a mobile app with Capacitor for consistent cross-platform UX.
- Implemented secure auth flows, role-based access, and schema-driven data models.
- Set up monitoring and testing to ensure scalability, security, and maintainability.
- **Stack:** React, Material UI, AWS Amplify, Cognito, Lambda, GraphQL, Stripe, Electron, Capacitor

FrontEnd Developer, Immunotec

Mar 2024 — Dec 2024

Owned the frontend for a highthroughput payments platform.

- Customized and integrated 3DS, PayPal, and Nexio to ensure SCA compliance and resilient checkout flows.
- Integrated fraud services (Kount, Worldpay) to improve approval rates and reduce chargebacks.

Details

Nationality

Dominican

Date / Place of birth

12/09/1996

Dominican Republic

Links

[LinkedIn](#)

[Website](#)

[Github](#)

Skills

ReactJS



NextJS



Vue.JS



NodeJS



JavaScript



TypeScript



MERN



MySQL



MongoDB



SQL



AWS Serverless



Express.js



Docker



Electron



PYTHON



Elixir



JestJS



- Built with React, Next.js, and TypeScript; collaborated with a .NET backend and Builder.io CMS.
- Implemented secure auth flows, rolebased access, and transaction visibility dashboards.

Python Developer, BairesDev

Feb 2022 — Mar 2023

Led migration from Flask REST to GraphQL to streamline data access and performance.

- Designed schemas/resolvers with pagination and batching; secured endpoints and enforced auth.
- Reduced overfetching and improved response times across critical services.
- Built comprehensive unit/integration test suites with pytest and contract tests for new integrations.
- Championed GraphQL best practices and performance patterns across teams.
- **Technologies:** Python, GraphQL, Flask, pytest

Senior Front-End Engineer, EPAM

Jul 2022 — Feb 2023

Senior FrontEnd Engineer delivering new UI modules and supporting Node.js services for enterprise apps.

- Developed reusable React/TypeScript components and screens aligned with design specs and accessibility guidelines.
- Built and tested backend endpoints in Node.js to support new features; wrote unit and integration tests.
- Collaborated in code reviews, estimations, and agile ceremonies to ensure predictable delivery.
- **Stack:** JavaScript, TypeScript, React, Node.js, Material UI, Git.

Front-End Software Engineer, Endurance International Group

Jun 2021 — Jun 2022

Built and maintained customerfacing features for a WordPress extension (email, logo creation, landing pages, automation).

- Implemented React/TypeScript components and microfrontend modules; resolved defects and improved UX.
- Wrote unit tests and performed code reviews to uphold quality standards.
- Participated in planning, grooming, estimation, and retros to drive iterative delivery.
- **Stack:** React, TypeScript, JavaScript, CSS, HTML, Microfrontends, Microservices, Material UI, .NET

React Developer, TieCode

Apr 2021 — Nov 2021

Built an administrative portal powering reporting, user management, and integrations for a mobile app.

- Developed React/Redux modules with TypeScript; created reusable components and comprehensive unit tests.
- Refactored legacy areas to improve readability, performance, and maintainability.
- Integrated Google Maps and external services; implemented reporting and data - export workflows.
- Collaborated with .NET Core APIs (C#/Dapper) to deliver endtoend features.
- **Stack:** React, Redux, TypeScript/JavaScript, HTML/CSS, .NET Core, C#, Dapper.

Mobile Developer, Softimatic

Jan 2021 — Jun 2021

Delivered and evolved a mobile reservation system with online payments for premium banking clients.

SQL Server



React Native



Languages

Español



English



- Maintained and expanded reservation flows, payment processing, and user management for iOS/Android.
- Analyzed and designed application flows for a seamless, multilingual UX with device language detection.
- Integrated a secure payment gateway and implemented robust data integrity safeguards.
- Shipped new features based on client requirements, improving reliability and user satisfaction.
- **Stack:** React Native, JavaScript, PHP, HTML, CSS.

Web and Mobile Developer, Ministerio de Obras Públicas y Comunicaciones

Feb 2018 — Jan 2021

Developed a nationwide toll services platform across web and mobile for user and device management.

- Built a responsive web app and Android/iOS apps for balance tracking, pass registration, and device recharges.
- Implemented secure payments, multirole access control, and data integrity safeguards.
- Delivered reporting/dashboards and integrated with the company ERP to streamline accounting.
- Designed scalable databases, APIs, and UX flows end to end.
- **Stack:** Vue.js, React, .NET Framework/.NET Core, Entity Framework, JavaScript, HTML/CSS, SQL Server

Education

System Engineer, Universidad Nacional Pedro Henríquez Ureña, Santo-Domingo

Oct 2014 — Jan 2020

As a seasoned professional in software technology and architecture, I possess a comprehensive understanding of industry best practices. My expertise extends to proficiently managing projects and employing robust data structures and algorithms to elevate software quality within organizations.

With a keen eye for detail, I consistently strive to enhance software solutions by leveraging my extensive knowledge and skills. I am adept at designing scalable and efficient architectures that optimize performance and ensure long-term sustainability. Moreover, my proficiency in data structures and algorithms allows me to develop optimized code and implement efficient solutions.

Through my strong management skills, I effectively coordinate with teams, fostering collaboration and streamlining development processes. I proactively identify and resolve potential bottlenecks, ensuring timely project delivery and exceeding client expectations.

By combining my technical expertise, architectural acumen, and mastery of data structures and algorithms, I consistently drive software quality improvements within companies, delivering innovative and reliable solutions that propel businesses forward.

References

Ing. Eliaquin Encarnacion
829-883-8602

Ing. Luis Nuñez
829-404-6254

Ing. Martin de Jesus Delgado
829-869-1760