

JOSEPH PÉREZ SARMIENTO

JUNIOR FULL STACK DEVELOPER | JAVASCRIPT / TYPESCRIPT

318 5240471 | josephperezsarmiento@hotmail.com | [LinkedIn](#) | [Github](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Junior Full Stack Developer with hands-on experience developing web applications, integrating systems, and building APIs. Primary stack based on JavaScript/TypeScript, React, Next.js, Node.js, NestJS, and PostgreSQL. Experience designing, building, and deploying production applications, including an e-commerce platform with payments, authentication, external integrations, and performance optimization.

PROFESSIONAL EXPERIENCE

Freelance Web Developer — Full Stack Independent

Nov 2025 – Present

- Develop full-stack websites and web applications using Next.js, React, Node.js, and NestJS, from feature implementation to service integration.
- Implement responsive web interfaces using modern frontend technologies.
- Integrate APIs and dynamic functionality according to each project's requirements.

Software Developer

Institución Universitaria Politécnico Grancolombiano

Jan 2025 – Feb 2025

- Modeled, implemented, and functionally tested new features for web-based measurement systems.
- Developed functionality for capturing and processing student data within web applications.
- Integrated and migrated data to external applications for visualization through reports and dashboards.

Systems Engineering Intern

Institución Universitaria Politécnico Grancolombiano

Jul 2024 – Jan 2025

- Integrated a measurement software with institutional websites to improve the collection of student data.
- Developed a Python API to automate mass email delivery.

PROJECTS

JPERFUMES — Full Stack E-commerce

Production · Next.js · React · TypeScript · NestJS · PostgreSQL · Prisma

- Designed and developed a Full Stack e-commerce platform, currently in production, with more than 150 products across 8 categories and more than 50 real orders processed.
- Built a decoupled architecture with Next.js on the frontend and NestJS on the backend, organizing server-side logic through independent modules, services, and controllers.
- Implemented product catalog, search, shopping cart with Zustand, and checkout using Mercado Pago Checkout Pro, including webhooks for payment verification.
- Built an administrative dashboard to manage products, categories, orders, shipping, sales reports, and payment reports.
- Implemented authentication and authorization using JWT, Guards, and roles to protect administrative endpoints, as well as integrations with Cloudinary for image hosting and Resend for email delivery.
- Optimized images, loading, and responsive experience; implemented dynamic SEO metadata, sitemap, and robots.txt, achieving 96/100 in Performance and 100/100 in SEO on Lighthouse. Deployed the frontend and backend using Vercel and Render.

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TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React, Next.js, Tailwind CSS, Zustand

Backend: Node.js, NestJS, Express, REST APIs, JWT, RBAC, Webhooks

Databases & ORM: PostgreSQL, Prisma, MySQL, Supabase

Tools & Deployment: Git, GitHub, Postman, Vercel, Render

EDUCATION

Systems Engineering

Feb 2021 – Aug 2025

Institución Universitaria Politécnico Grancolombiano

ADDITIONAL TRAINING

- Advanced Next.js — Platzi — 2026
- Full Stack Node.js, React, TypeScript, NestJS, Next.js: Building Projects — Udemy — In Progress
- JavaScript Master 2025: Learning JavaScript, Angular, Node.js, Astro — Udemy — 2025

LANGUAGES

English — B2