

# Joseph Nestares

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Full Stack Developer specialized in Software Architecture. Proven ability to build scalable, multi-tenant applications using Next.js and TypeScript. Focused on delivering maintainable code through Clean Architecture and DDD principles to solve complex business challenges with high performance.

## TECHNICAL SKILLS

**Architecture:** Clean Architecture, SOLID, Dependency Injection, Repository Pattern, MVC.

**Frontend:** React.js, Next.js, TypeScript, Tailwind CSS, React Query.

**Backend:** Node.js, Express, MongoDB, PostgreSQL, Prisma ORM, RESTful APIs.

**DevOps/Tools:** Docker, Git/GitHub, Zod.

## PROJECTS

### Izi Gym SaaS | Multi-tenant Fitness Management Platform

**Stack:** Next.js 16, TypeScript, PostgreSQL (Prisma), Clerk Auth, TanStack Query, Tailwind CSS.

- Architected a multi-tenant SaaS using Clean Architecture to fully decouple business logic from infrastructure.
- Engineered an event-driven system with Clerk Webhooks and Prisma Transactions to prevent concurrency race conditions.
- Implemented Soft Delete patterns to preserve historical data for accurate financial reporting (MRR) and analytics.

### Dental Clinic | Scalable clinical management platform.

**Stack:** Next.js 14, TypeScript, MongoDB, Zod, ioctopus (DI), Clean Architecture.

- Co-architected a modular platform enforcing Clean Architecture to strictly separate Domain, Application, and Infrastructure layers.
- Decoupled business logic via Dependency Injection and the Repository Pattern, isolating the core domain from external frameworks (Mongoose).
- Standardized data flow using the Result Pattern and Zod schemas, ensuring strict runtime validation and predictable error handling.

## EDUCATION AND TRAINING

### Full Stack Web Development Bootcamp | JSCamp 2025

- Intensive training on MERN stack, CI/CD pipelines, and modern workflows. Capstone: Full lifecycle development.

**Current Focus:** Advanced Backend Architecture (Hexagonal/Clean Arch), System Design, and Microservices.

## TRAJECTORY

### IT Support Specialist - TSN S.A.C. | 2024 - 2025

- Optimized system performance and resolved critical software/hardware incidents, reducing downtime for corporate clients.
- Managed technical configurations and system maintenance, ensuring operational continuity.
- Bridged the gap between technical issues and end-users, translating complex technical concepts into clear, actionable solutions.

## LANGUAGES

Spanish: Native

English: Advanced (Technical proficiency)