

Jose Maria Lanza

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Summary

Backend Developer in C# .NET Core.

I have worked on migrating large legacy systems to microservices, designing and implementing APIs, business logic, data access layers and background jobs.

I follow clean architecture principles and collaborate closely with frontend teams and cross-functional squads.

Education

HND I.E.S. Alfredo Coviello, Software Development – Argentina Mar 2015 – Mar 2018
Higher Technician in Software Development (Technical Degree)
• Developed and presented a complex Sales Manager system at a technology showcase.

Experience

Software Engineer, Intive – Remote Nov 2022 – present
Worked remotely for multiple clients via Intive (US-based PropTech SaaS and Telecom & Messaging subscription e-commerce platform).

- **Client (via Intive): US-based Property Management SaaS (PropTech)**
- Initially hired as a Front-End Developer working with Vue 3 and TypeScript on a large single-page application.
- Used and extended an internal component library, improving reusability and UX consistency across modules.
- Later took on backend responsibilities and worked as a Full-Stack Developer within a microservices architecture using C# .NET Core, Swagger, AutoMapper, Hierarchy Nodes, SQL Server and PostgreSQL.
- Helped migrate a legacy monolith to microservices, working across multiple domains, user roles and complex permission models.
- **Client (via Intive): Telecom & Messaging company (Subscription E-commerce Platform)**
- Backend Developer in a microservices architecture using NestJS, TypeScript, Prisma, PostgreSQL, AWS, Chargebee, Handlebars, BullMQ and Docker.
- Designed and implemented backend services for an internal subscription e-commerce platform focused on selling messaging products and short-code leases.
- Built and optimized business logic for subscriptions, billing flows, webhook handling, reminders and background jobs.
- Collaborated on frontend tasks using React, Next.js, TypeScript, Zustand and Zod, implementing views and forms on top of existing design systems.

Full-Stack Developer / Tech Lead, Tensolite Oct 2021 – Nov 2022

- Worked on a SaaS/SPA platform using Laravel (PHP) on the backend and React on the frontend.
- Led the migration of a monolithic application to a modular, hexagonal architecture, improving maintainability and testability.
- Created base templates and custom Artisan commands to scaffold new frontend and backend modules following agreed architecture standards.
- Introduced Docker for local development and containerization of Python (Django) and React services.

Web & Desktop Developer (Part-time), Freelance (Self-employed)

Part-time, ongoing

- Designed and developed custom software solutions for Small and Medium-sized Enterprises using .NET C#, Laravel, Python/Django and React.
- Built a desktop Sales Manager application with user authentication, permissions, product images, configurable profit margins and stock management.
- Implemented a statistics module that calculates profit considering different purchase prices over time; migrated the database from SQL Server to MariaDB with hand-written stored procedures.
- Developed a bar ordering web system ("comandas") with sales tracking and estimated profits using Laravel, JavaScript, Bootstrap and MySQL.
- Created CenterSchools, a platform to manage Taekwon-do schools, instructors and students (graduations, schools, instructors and personal data) using Django (backend), React with Next.js (frontend), PostgreSQL and Docker Compose.

Projects

Fintech Accounts & Notifications – Learning/Portfolio Project

Multi-repo .NET 8 solution modeling bank accounts, money transfers and notification workflows.

- Built Accounts API and Notifications Consumer with EF Core, PostgreSQL, CQRS/MediatR, domain events, Outbox pattern and RabbitMQ.
- Exposed domain operations through an MCP server (Model Context Protocol) and connected it to an AI Agent in n8n.
- Enabled the model to call a tool to export successful transfers as CSV in a date range.
- Enabled the model to call another tool to summarize that CSV into an accounting report (totals, per-account balances) ready to send to an accountant.

Sales Manager – Desktop application

- .NET C# WinForms with modern UI styling libraries, 3-layer architecture, role-based access, inventory intake, sales, cash opening/closing and analytics modules.
- Database migrated from SQL Server to MariaDB, including rewritten stored procedures.

CoctelArt – Multi-tenant event booking system

- Subdomain-per-tenant and separate database per subscriber (Laravel, MySQL, Vue).
- Focused on reservations, event types (free/paid) and basic billing logic.

CenterSchools – Taekwon-do schools management platform

- Django REST backend, React/Next.js frontend, PostgreSQL and Docker Compose.
- Manages schools, instructors, students, graduations and personal data.

Skills

Backend: C# .NET Core, RESTful API design, background jobs

Databases: PostgreSQL, SQL Server, MySQL/MariaDB

Cloud: AWS (basic services), Docker, Docker Compose

Other backends: NestJS (Node.js/TypeScript), Laravel (PHP), Django (Python)

Tools: Git, GitHub, GitLab, Bitbucket, Jira, Swagger, Postman