

VADYM KOSHTOVNYI

CIO · CISO · Full-stack developer

SABADELL, BARCELONA

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LANGUAGES

Ukrainian	Native
Russian	Native
Spanish	Native
English	B2

01 PROFILE

I analyze the business and build complete platforms with AI, without lowering the bar: from process to product, covering the data model, the interface, and the infrastructure. Since 2019 I've delivered 20+ projects, from ERPs to video walls. Today I lead information systems and security at Egara Optiminn and design its ERP.

02 EXPERIENCE

Egara Optiminn, Terrassa — 2024 – present

CIO / CISO — Apr 2026 – present

- I lead the company's information systems and information security.
- I design and build AXEO, the company's ERP: 7+ apps in a monorepo, customer and supplier portals, and AI agents that make decisions, built for hundreds of thousands of daily orders.
- I analyze and specify it with another developer and build it with AI, with method: specs first (SDD), tests first (TDD), guardrails, and review of everything that ships.
- I build the company's internal tools.

IT Coordinator — Apr 2025 – Apr 2026

- I coordinated the company's systems, support, and internal tools.
- I built the first custom internal tools.

Previously, from 2024, through Quatregl.

Quatregl Consultors Informàtics — 2019 – 2025

Developer — 2019 – Apr 2025

- Desktop ERPs and backends in Progress OpenEdge/ABL for clients.
- PHP and MySQL websites and, from 2022, .NET apps with Angular and with React, using microservices, MongoDB, SQL Server, and Azure.
- From 2024, development for Egara Optiminn as a client, until joining its staff in 2025.

03 STACK TIMELINE

2019	2020	2022	2024	2026
PHP + MySQL, Progress OpenEdge/ABL, and desktop ERPs	AngularJS (video wall), React, first freelance projects	.NET + Angular, microservices, MongoDB, SQL Server, Azure	.NET + React; AI every day	TypeScript + Next.js + PostgreSQL, AI agents

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SKILLS

FRONTEND
React, Next.js, TypeScript, JavaScript, Angular, Blazor

BACKEND
.NET (EF Core, MediatR, Clean Architecture), Node.js (Fastify), PHP, ABL

DATABASES
PostgreSQL (pgvector), SQL Server, MySQL, MongoDB, Progress OpenEdge, Redis, Meilisearch

DEVOPS
Docker, CI/CD (GitHub Actions), Azure, Microservices, Queues (BullMQ, RabbitMQ)

AI
Agent-driven development (Claude Code, Codex, OpenCode), Azure AI, AI agents in production

DESKTOP
Tauri 2 / Rust

04 SELECTED PROJECTS

AI Classifier
Alpha · On request

AI document classifier: you create your classifications, train them and define their rules. From its own interface or through an API.

Next.js · NestJS

vkoshtovnyi.com/en/projects/ai-classifier

YumeDB
Alpha · Public

Open anime and manga knowledge graph: catalog, personal tracking, airing schedule and the Tracker, an extension that logs what you watch.

Next.js 15 · Fastify 5 · PostgreSQL · Drizzle · BullMQ · Manifest V3

yumedb.com

Videowall
Available · On request

A platform for composing, publishing and monitoring sources on physical video walls. It's installed on each client's own infrastructure.

Next.js 16 · Fastify 5 · PostgreSQL · Drizzle · Tauri 2 · Rust · Turborepo

vkoshtovnyi.com/en/projects/videowall

OTHER PROJECTS

Hexa 2026 · Alpha
Mod app for single-player games on Windows, with a DirectX 11 overlay.

Vecinity 2026 · Alpha
Management for homeowners' associations, designed to become a SaaS.

Invoice AI 2025 · Available
AI invoice interpretation, with a .NET API and Azure AI.

IDS Protec 2024 · Retired
Corporate website for a lightning protection company.

InfoSab 2022 · Retired
Website for an IT services and point-of-sale company, in React.

AXEO 2026 · In development
Egara Optiminn's ERP: more than seven applications and AI agents, built with SDD and TDD.

ToolHub 2026 · In development
Free utilities that run in the browser, in four languages.

Xiscle Terrassa 2025 · Available
Website for an event venue in Terrassa, with AI features.

Suzuki 4x4 Festival 2024 · Retired
Website for a 4x4 festival, with public sign-up and an admin panel.

All of them, each with its own page, at vkoshtovnyi.com/en/projects.

05 EDUCATION

Computer Engineering degree
Grado en Ingeniería Informática · UOC · in progress

Higher Technical Diploma in Multiplatform App Development
DAM

Intermediate Technical Diploma in Microcomputer Systems and Networks
SMIX

CONTINUING EDUCATION

Codely courses (“Design Patterns: Inbox and Outbox”, “Value Objects”, 2026), midudev videos, and more.