

Francisco Luis Morcillo García

Senior Backend Engineer | Clean Architecture · System Design · Technical Leadership

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ABOUT ME

Senior Backend Engineer with 15+ years designing and delivering backend systems at scale — from enterprise corporate platforms (LaLiga) to high-availability SaaS products. Focused on clean architecture and keeping systems easy to change over time. 4+ years fully remote across distributed teams. Open to senior engineering and technical leadership roles.

WORK EXPERIENCE

Randstad Digital — Remote | May 2024 – Present

- Leading the migration of a legacy API to a clean architecture, serving 50+ enterprise clients including Randstad operations across 10+ countries
- Owning backend architecture decisions for the LMS platform, driving code quality through systematic code reviews and hands-on mentoring of the engineering team
- Maintaining high platform reliability with minimal production incidents through proactive refactoring and structured code quality practices
- Designing event-driven architecture using AWS SQS, SNS, and Lambda to enable scalable asynchronous processing across the platform

Sngular — Remote | Mar 2021 – Mar 2024

- Served as Senior Backend Engineer for LaLiga's corporate software platform, contributing to 15+ microservices-based applications across the organization
- Led the refactor of the platform's main application, migrating a legacy codebase to a clean REST API architecture
- Drove clean code and architecture standards across a team of 15 backend engineers, running weekly architecture review sessions to evaluate and improve design decisions
- Designed and documented B2B REST APIs using OpenAPI/Swagger, with event-driven inter-service communication via RabbitMQ across 15+ microservices
- Maintained strict SLA compliance across 15+ production services, taking full on-call ownership and driving incident resolution to meet short response windows

Solucionex SL — Cáceres | 2017 – 2021

- Sole architect and developer across a portfolio of client projects spanning healthcare, public safety, agriculture, and culture — from initial architecture to production delivery
- Designed and built a hospital shift management system handling 24-hour rotation rules, shift swaps between staff, and automatic salary calculations — one of the most complex rule-based systems in the portfolio
- Delivered environmental monitoring software for the agriculture sector, tracking water footprint and carbon footprint metrics across production processes
- Managed full project lifecycle independently: requirements, task planning, architecture, development, and client delivery

Greetik Soluciones SL — Cáceres | 2014 – 2017

- Sole developer of a sports court reservation platform still running in production today — a testament to the durability of the original architecture
- Integrated third-party APIs including PayPal (payments), Google Maps (location), and Twitter, delivering a fully connected booking experience

Unquiet Pixel SL — Cáceres | 2009 – 2014

- Built a custom CMS from scratch in PHP and JavaScript, adopted across 50+ client projects as the company's core delivery platform
- Delivered management systems for SMEs across multiple sectors including healthcare, sports, and agriculture — owning the full stack from architecture to deployment
- Co-designed and launched a social network product, taking it from concept to live users before pivoting focus to client delivery

SKILLS

Backend: PHP, Symfony, MySQL, REST APIs, Microservices, RabbitMQ, OpenAPI/Swagger, Clean Architecture, SOLID

Testing: PHPUnit, Cypress, Playwright

DevOps: Docker, Kubernetes, AWS (SQS, SNS, Lambda), Azure, CI/CD

Frontend: Angular

EDUCATION

MSc in Parallel and Grid Computing — University of Extremadura, 2012

BSc in Computer Science (Management) — University of Extremadura, 2009

BSc in Computer Science (Systems) — University of Extremadura, 2008

AWS Certified Cloud Practitioner (CLF-C02) — 2023

LANGUAGES

Spanish — Native

English — Cambridge B2 First (FCE)

VOLUNTEERING

Basketball Coach — 2015–2020