

LUCIANO FEDERICO PEREIRA

Full-Stack Developer & Architect | Remote, Italy (English C2, Spanish Native, Italian B2)
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PROFESSIONAL PROFILE

I architect complete digital and operational transformations. I replaced a fragmented CMS for a retailer worth \$4M with a new Laravel/Vue platform that serves as its bespoke ERP and CRM, cutting database queries 93% per page. I also build the AI-engineering infrastructure behind my published LLM-agent research.

SKILLS

E-commerce · PHP · Laravel 13 · Vue.js 3 · Inertia.js · TypeScript · JavaScript · React · Node.js · MySQL · PostgreSQL · Redis · Docker · AWS · CI/CD · GitHub Actions · WooCommerce · Stripe · PayPal · PHPStan · PestPHP · Playwright · DDD · GDPR · System Design · Software Architecture · Domain-Driven Design · Performance Optimization · Scalability · DevOps

WORK EXPERIENCE

- March 2024 – Present Senior Full-Stack Developer & Architect** – Beauty Luxury Rimini Italy
- Architected full-stack \$4M e-commerce platform: built 6-layer event-driven cache (93% fewer queries per page, 112 to 7), maintained PHPStan Level 8, and replaced the third-party module system with an in-house loader whose per-package manifests give AI agents task context without scanning the codebase.
 - Engineered complete e-commerce ecosystem: delivered comprehensive conversion funnel and tracking analytics, GA4/FB CAPI, SEO, and Reverb live chat integration.
 - Built production AI infrastructure: developed code-introspection API and provenance-typed agent handoff contracts, published as 2026 LLM-agent reliability preprints.
- November 2022 – January 2024 Lead Web Development Instructor** – Rolling Code Argentina
- Taught full-stack JS (ES6+, algorithms) to 80+ career-changers across 4 cohorts, achieving strong 12-month employment placement rates.
 - Mentored junior developers as technical lead, driving code reviews and designing bilingual (ES/EN) competency curricula.
- January 2018 – October 2022 Senior Software Engineer** – Mobillers Argentina
- Engineered and scaled international B2B/B2C SaaS platforms (React, Node, Python, PHP) within cross-functional teams of 8+.
 - Optimized system scalability via AWS auto-scaling, Redis caching, and CloudFormation IaC, cutting origin traffic 70% while maintaining high availability.
- March 2016 – December 2017 Legal Tech Developer & Mediator** – Mediaciones.ar Argentina
- Architected fully automated mediation platform for early-stage startup, processing over 10,000 cases with no prior market equivalent in Argentina.
 - Leveraged professional mediation expertise to establish cross-functional conflict-resolution protocols and codebase walkthroughs, enhancing team collaboration.
- January 2009 – December 2015 Co-Founder & CTO** – 365 Carilo Argentina
- Architected a proprietary publishing platform for a luxury media company covering polo, luxury automobiles, fine jewelry, and upscale real estate in Cariló (Argentina's Hamptons), reaching 100% of the destination's 7,000 estate residences and 20,000 affluent subscribers.
- September 2005 – December 2008 Product Owner** – Consejo de la Magistratura C.A.B.A. Argentina
- Spearheaded an integrated paperless case-management platform for the Buenos Aires judiciary (~400,000 cases), leading cross-functional teams on a mission-critical system serving 10,000+ concurrent users.

CREDENTIALS, PUBLICATIONS & RECOGNITIONS

Adjunct Professor – Legal Interpretation, and Law & Economics · UBA (2006–2016)
11 preprints (past 12 months) on AI-agent governance & verification, cognitive AI-engineering constraints, and software-tooling research. Full list on ORCID 0009-0002-4591-6568.
Licenses: Lawyer & Public Mediator (Federal & Buenos Aires Province)
Recognitions: One Page Love Showcase (2026), curated gallery of the world's best single-page websites

EDUCATION

2021–2022	Master - Data Science	Universidad de Buenos Aires
2012–2014	Master - Law & Economics	Universidad de Buenos Aires
2009	Mediator	Colegio Público de Abogados
2005–2009	Diploma in Education	Universidad de Buenos Aires
1999–2004	Attorney-at-Law · Bar Admitted · 6-yr Degree	Universidad de Buenos Aires
1998–1999	Higher Technician in Systems Analysis	Instituto San Roque
1993–1997	Technical Diploma – Computing & Bookkeeping	Instituto San Roque
Languages: English C2 Proficient – Spanish Native – Italian B2		
EF SET C2 (2023) · Cambridge FCE · Italian CPIA B1 (2025)		