Iván Tapia Rivas

Technology Consultant and Solutions Architect · Team Lead · Digital Transformation and AI

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Professional summary

Systems Engineer (UNMSM) and MBA with 20+ years connecting business and technology in banking, government, healthcare, retail, hospitality and NGOs across Peru, Spain and Latin America.

I have led IT and support departments of up to 50 people, managed architecture teams in Spain and founded diurvan Consultores, with 47+ projects delivered across 15+ industries. I turn business goals into plans, architectures and measurable deliveries.

Today I help companies adopt AI with a method: assessment, data governance, local AI for sensitive information, customer-facing agents and Spec-Driven Development (SDD) that makes projects predictable.

Key achievements

- Cut checkout time per sale from 8 s to 1.2 s (–85%) in a retail POS and ERP built by a team of 21 developers.
- Zero outages in 12 months on a booking and membership platform with 14 microservices and 3 separate environments.
- About 60% lower server bill after migrating an e-invoicing SaaS, with 30 minutes of downtime and no data loss.
- 14 findings the previous review had missed in an AI audit, and an architecture that removes third-party AI APIs.
- 12+ tax compliance projects in Latin America (Peruvian SUNAT e-invoicing, UBL 2.1, SIRE).
- Led up to 50 staff across the Rebagliati Hospital network (EsSalud) and eliminated a nationwide manual process at the Touring y Automóvil Club del Perú.

Skills

Consulting and strategy: Process assessment, digital transformation, business model, business case, market research, estimation and budgeting, requests for proposal, vendor management

Leadership and management: Leading teams of up to 50 people, project portfolio management, Scrum, PMI, ITIL, ISO 9001, strategic and operational plans, executive reporting

Architecture and integration: Solutions architecture, microservices, APIs, SAP integration, Active Directory, payment gateways, SUNAT e-invoicing, UBL 2.1, SIRE, interoperability

AI for business: AI strategy and governance, local AI for sensitive data, RAG and semantic search, multichannel AI agents, Spec-Driven Development (SDD), Claude Code

Technology: .NET, Node.js, Python, React, Next.js, Angular, PostgreSQL, SQL Server, Kubernetes, Docker, Azure, AWS

Industries: Banking and microfinance, government, healthcare, retail, hospitality, NGOs, international trade associations

Professional experience

Founder and Principal Consultant · Solutions Architect

diurvan Consultores · Lima, Peru (remote) · 01/2016 – Present

Software engineering consultancy for companies and institutions in Peru, Chile, Mexico, Colombia, Ecuador and Spain. I lead each project end to end: assessment, proposal, architecture, delivery and follow-up.

- Retail (2023–2025): enterprise POS and ERP built by a team of 21 developers in a single repository (2,930 commits); checkout time per sale dropped from 8 s to 1.2 s, with DNI/RUC lookup and SUNAT e-invoicing inside the sales flow.
- Hospitality (Solmar, 2025–2026): booking and membership ecosystem with 14 microservices and dev, qa and prod environments; zero outages in 12 months, 85% test coverage and 100% of changes reviewed before production.
- Infrastructure (pricox.com, 2026): migrated a multitenant e-invoicing SaaS in one morning, with about 60% lower server costs and 30 minutes of downtime; 2,377 invoices and 13,308 files verified identical.
- AI and risk (Atolónica, 2026): technical audit with 14 new findings and a 100% local AI architecture in the European Union, with no third-party AI APIs, so data never leaves the server.
- Automation (Spanish Chamber of Commerce in Peru, 2025–2026): human rights due diligence assessment that scores itself across 9 indicators and produces 10+ automatic PDF reports, with 100% traceable answers.
- Business consulting (Waya, 2026): market research on 96,290 food and beverage businesses (INEI 2024), pricing model, break-even at 44 customers, risk matrix and 90-day plan before investing in development.
- Applied AI (2025–2026): AI agents that answer on WhatsApp and Instagram and qualify leads, and adoption of Spec-Driven Development (SDD) with Claude Code.
- 12+ tax compliance projects in Latin America and about 30 WordPress and WooCommerce plugins for businesses in the region.

Solutions Consultant and Developer

Doctor+ (Sanna Clinic Network) · Lima, Peru · 10/2021 – 01/2026

- Designed and evolved the network intranet for over 4 years: capitation, BCP care tracking, associated physicians registry, KPIs and promotional packages.
- Integrated three databases (PostgreSQL, MySQL and SQL Server) behind a single API.
- Brought the platform through a security audit based on OSSTMM and OWASP, resolving every finding, including one critical and two high.

Developer

Ministry of Agrarian Development and Irrigation of Peru (MIDAGRI) · Lima, Peru · 02/2021 – 07/2021

- Delivered in 6 months the farmer alert system (hail, rain, fires and road closures): farmer web app, admin panel and API with push notifications.

Development Lead

GoldSystem · Lima, Peru · 05/2021 – 08/2021

- Led the development of an e-invoicing system and bulk submission of invoices, receipts and credit and debit notes for an automotive client.

IT Consultant

Grupo Breca (Centria) · Lima, Peru · 08/2018 – 12/2019

- Implemented solutions for the group's administrative areas (accounts receivable, expense reports, performance reviews and employee information), integrated with SAP, Office 365 and Azure Active Directory.

Software Architect

Grupo Intercorp · Lima, Peru · 03/2016 – 12/2017

- Designed the architecture of the group's first on-site Human Resources solution: 6 modules (security, training, e-learning, career growth, disciplinary actions and payroll) on a shared domain-driven architecture.

Advanced Programming Instructor

Instituto SISE · Lima, Peru · 02/2016 – 07/2017

- Taught distributed applications and web services, building a complete system during the course.

Senior Project Consultant

Seratic Perú · Lima, Peru · 08/2014 – 11/2015

- Managed the project portfolio for Telefónica del Perú enterprise accounts (M2M and 3G/4G mobility) for Repsol, Sanna and Touring, coordinating development between Peru and Colombia with Scrum.
- Led Sanna's Digital Clinical Record, improving the time and quality of care for home care patients, and the e-invoicing analysis and design for Repsol.

Head of IT Support

Edgardo Rebagliati Martins National Hospital (EsSalud) · Lima, Peru · 11/2013 – 07/2014

- Led support, communications, systems and telephony for the Rebagliati network (Cañete, Mala and South Lima), with 50 staff.
- Wrote the department's strategic and operational plan, the requests for proposal for equipment, services and software, and the information security policies.
- Led the Integrated Laboratory System, consolidating tests from 25 providers for the whole EsSalud network, and the reduction of radiology turnaround time.

Head of Information Systems

Touring y Automóvil Club del Perú · Lima, Peru · 02/2013 – 11/2013

- Managed the project portfolio and a team of 10 with KPIs and performance reviews; presented the department plan to the general manager.
- Eliminated the manual international driving license process nationwide and aligned procedures with ISO 9001.
- Negotiated software and license purchases and introduced electronic tickets and roadside assistance service tracking.

Head of Architecture · Senior Application Analyst

everis Spain · Madrid, Spain · 06/2008 – 06/2012

- Led the architecture area (3 people) and the application certification and validation team.

- Managed, planned and delivered e-Government for Spain's Ministry of Public Works with 5 analysts: online procedures, electronic registry, digital signatures and interoperability under the National Interoperability Framework.
- Managed scope with the client and project manager in the migration of the National Competition Commission's online procedures portal.

Earlier experience

- **Technical Lead and Systems Analyst**, O&S Consultores (Citibank Peru) (2008). Planning and tracking of the team that migrated the charge-off, recovery and accounting system.
- **Project Team Lead**, Peruvian Navy (DICAPI) (2006–2007). Team of 5 for the vessels, revenue and personnel systems of the DICANET integrated system.
- **Systems Analyst**, Grupo Pimentel (2004–2006). ERP design, payroll module and a pilot sales data mart.

Education

- **MBA, Master in Business Administration and Management**, Universidad de Tarapacá (Chile) (2014–2015)
- **Postgraduate Specialist in Information Technology**, Universidad La Salle (Madrid) (2012)
- **B.S. in Systems and Computer Engineering**, Universidad Nacional Mayor de San Marcos (1998–2003)

Certifications

- **ITIL Certification**, Netmind Madrid (2012)
- **Quality Project Management**, PMI · Instituto para la Calidad PUCP (2008)
- **Mercado Pago Certified Developer, Checkout Pro**, Mercado Pago (2020)

Languages

- Spanish: native
- English: professional (C1)