



José Antonio González Villalón

CIO / IT Director · Technology Executive

Monterrey, N.L., Mexico · josegzzv@msn.com · linkedin.com/in/josegzzvillalon · josegzzv.github.io

EXECUTIVE PROFILE

Technology executive with 20+ years in corporate IT, the last seven leading the IT function of a multinational industrial group: 38 specialists (22 in-house, 16 managed-service), USD 3.5 M annual budget, and a seat on the Project Leader Team of a global SAP S/4HANA Private Edition program. Focus on IT governance, enterprise architecture, Data & AI strategy and measurable business results. Software-architect background and postgraduate specialization in AI/ML let me engage engineering teams and vendors as a peer. Adjunct Professor at Tecnológico de Monterrey. Available for CIO, IT Director or Director of Technology & Applications roles.

-10%

IT operating costs

99.99%

systems availability

-61%

Concur contract, same scope

6

countries · Teamcenter PLM rollout

CORE COMPETENCIES

IT Strategy & Governance Digital Transformation Enterprise Architecture SAP S/4HANA (SAP Activate)
Data, BI & AI Strategy Cybersecurity & Compliance (OWASP, PCI-awareness, SAT/PAC) Vendor & Contract Management
IT Budget & FinOps OT-IT / Industry 4.0 PLM (Teamcenter) Agile Delivery & Secure SDLC Team Leadership

PROFESSIONAL EXPERIENCE

Head of Corporate IT · Grupo Industrial Saltillo (GIS)

Oct 2019 – Oct 2026 · Monterrey/Salttillo

Led the corporate IT function — strategy, architecture, development, BI, databases and operations — for a publicly traded industrial group with operations in Mexico, Europe and Asia. 22 in-house specialists (6 direct reports) + 16 managed-service specialists; USD 3.5 M annual budget; technology counterpart to the executive team.

- SAP S/4HANA Private Edition (global, SAP Activate): Project Leader Team member; strategic selection assessment (benchmarking, functional fit, TCO/ROI, risk, change management); led integration, development, BI and AI workstreams.
- IT budget governance: -10% operating costs with 99.99% availability; Concur contract renegotiated -61% preserving full scope.
- Teamcenter PLM rollout across Spain, Italy, Czech Republic, Poland, China and Mexico.
- Shop-floor digitalization (OT-IT / Industry 4.0), e-invoicing, middleware and mobile/web applications under a standardized agile model; secure SDLC standards.
- Corporate AI committee member; AI governance framework and responsible-AI adoption roadmap.

Adjunct Professor · Tecnológico de Monterrey — School of Engineering and Sciences

Sep 2023 – present

Business Analytics Platforms, Requirements Analysis, Process Design and Enterprise Architecture.

Head of Software Architecture & Delivery (assigned to GIS) · Access Box Solutions

Jun 2016 – Oct 2019

- Ran the software factory, analytics/BI, database and middleware teams (8 professionals).
- Delivered CFDI 3.3 invoicing and payroll, the Vitromex dealer portal and back-office platforms; founded the SWAT rapid-delivery team.

IT Director · Operadora Regia (DETECNO)

Jul 2015 – May 2016

- Led the SAT recertification as Authorized Certification Provider (PAC); built the governance, risk and compliance policies it required; reduced infrastructure costs.

Software Architect · Grupo Industrial Saltillo

Jul 2013 – Jun 2015

- End-to-end Oracle SOA Suite implementation; SOA/EDI integration standards; XBRL financial reporting; Dynamics CRM implementation team; +5 pts Great Place to Work – IT.

Earlier leadership & architecture roles · INCOPTI · Grupo AGM · Tesis Automation & IT · Deintec · Depilite

2005 – 2013

- Banner ERP for Tecnológico de Monterrey; ANTAD electronic platform and ISO 8583 transactional gateway with bank certifications (E-Global, PROSA); manufacturing framework for Ternium; POS platform with centralized bank payments across 200+ branches in 7 countries.

EDUCATION

PGP in Artificial Intelligence & Machine Learning – Deep Learning

The University of Texas at Austin · McCombs · 2025

PGP in Data Science & Business Analytics

The University of Texas at Austin · McCombs · 2025

PGP Full Stack Software Development — Scalable Cloud Applications

The University of Texas at Austin · McCombs · 2024

Professional Certificate — Full Stack Development (MERN)

MIT xPRO · 2024

MBA — Information Technology Management

Universidad Tecmilenio · 2017

B.Eng. Information Systems

Universidad Regiomontana · 2002

Executive education & memberships

Leadership in the Digital Era

EGADE Business School · 2022

Digital Strategy & Transformation

EGADE Business School · 2021

IAFCI & CCROC — Financial Crimes Investigations

IAFCI · active member · 2024

SAP Activate · Management 3.0 · OWASP

Certifications / training ·

Languages: Spanish (native) · English (bilingual)

Publication: *AI Governance Playbook – Global Strategy & Toolkit* (2025, Amazon)