

EDGARDO SANTAMARIA FLORES

Global Cloud & Infra Leader | AI-Driven Automation | Hybrid & Multi-Cloud Architect

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EXPERIENCE

Sr. Manager, Cloud & Infrastructure Architect | Global Cloud Platform Enablement Lead

PepsiCo

09/2021 Remote

- Architected and led global hybrid and multi-cloud migration strategy across Azure (60%), AWS (30%), GCP (10%) and Private Cloud, modernizing legacy workloads into cloud-native, containerized platforms accelerating time-to-cloud by 40% across global sectors.
- Directed and managed full lifecycle enablement for 150+ cloud-native products annually, overseeing onboarding from assessment and design through provisioning, cost governance (tagging, visibility), and post-deployment optimization.
- Delivered a global cloud assessment framework, streamlining vendor coordination and workload scoring using Azure Migrate and internal Python-based tooling—reducing time-to-cloud by 35%.
- Built and led a global cloud automation team to shift from manual Azure Portal operations to a DevOps-first model, automating 70% of provisioning and governance tasks through Terraform and Azure DevOps (ADO) pipelines.
- Launched self-service platform CPE-SSP with AI. Delivered “Assessment-as-a-Service” and “Onboarding-as-a-Service” to auto-generate blueprints, orchestrate tasks, map dependencies, and create telemetry workflows.
- Designed and deployed a self-service Cloud Adoption Health Card, enabling teams to autonomously track the full onboarding lifecycle, from readiness and compliance to maturity and automation coverage. Reduced support friction and accelerated cloud enablement velocity by 25% across teams.

Manager, Cloud Platform Architect & Operations Lead | Global Cloud Services

PepsiCo

02/2020 - 09/2021 Remote

- Architected and launched PepsiCo's global cloud onboarding engine, enabling 95% compliance and forming the backbone of scalable, secure-by-default cloud adoption across +5 sectors.
- Led onboarding and enablement of 300+ cloud-first projects, standardizing provisioning and sustainment models, including automated healing bots, incident response playbooks, and telemetry pipelines to ensure resilience and reduced in 17% business disruption.
- Designed and enforced global Cloud Governance frameworks, integrating security policies, compliance rules, and lifecycle standards. Implemented 50+ automation bots, including tagging validators, drift detectors, and health checks—reducing audit gaps and improving operational services reliability.
- Developed a cloud migration factory strategy, enabling assessment scoring, migration readiness, and stakeholder alignment, accelerating timelines and improving delivery velocity.
- Engineered secure-by-default cloud architectures, implementing access control models, RBAC enforcement, and policy automation—raising subscription-level security scores by 25% globally.
- Automated provisioning pipelines for IaaS and PaaS (Azure), reducing time-to-deploy by 40% and minimizing misconfigurations through codified standards.
- Drove FinOps strategy across multi-cloud by detecting idle resources, right-sizing workloads, and enforcing tagging policies, unlocking over \$5M USD in cost avoidance.

SUMMARY

Senior Infrastructure & Cloud Leader with an MBA and 15+ years of progressive experience driving enterprise-scale modernization, multi-cloud transformation, and intelligent automation across global organizations.

Proven track record leading cloud adoption, complex migrations, data center consolidation, and legacy application modernization by delivering enterprise-ready architectures across Azure, AWS, GCP, and hybrid environments for Fortune 100 companies.

Hands-on leader with sharp technical execution and strategic vision, recognized for managing high-velocity, mission-critical environments across logistics, manufacturing, and consumer industries. Brings deep expertise in infrastructure, networking, systems, and data engineering, with a strong passion for building high-performing teams.

Expert in Cloud Operations, DevOps, FinOps, Infrastructure Engineering, and complex vendor management, driving business continuity and continuous innovation.

SKILLS

Azure • AWS • GCP	Solution Architecture
Cloud Migration	Team Leadership
DevOps	Data Engineering
AI-Driven Automation	Budget Management
FinOps & Cost Optimization	
CxO Engagement	Cloud Operations
Observability & AIOps	
Vendor & Contract Management	

LANGUAGES

Spanish	Native	●●●●●
English	Proficient	●●●●●
Portuguese	Advanced	●●●●●

EXPERIENCE

Associate Manager, Infrastructure Operations & Modernization Lead | Latin America

PepsiCo

📅 02/2017 - 02/2020 📍 Remote

- Modernized and migrated 800+ servers, 300+ databases, 220+ legacy apps in LATAM to Global PepsiCo data centers. Established unified vendor operations, architectural standards, and governance for hybrid application hosting.
- Established Release & Recovery Management frameworks, reducing critical incidents by 95%, improving business uptime by 67%, and minimizing impact by 55% through standardized support and agile ops models.
- Standardized infra consolidation strategies, driving asset rationalization and legacy decommissioning programs that enabled over \$15M USD in cost savings and a 13% reduction in total footprint.
- Delivered a Global Backup & Recovery modernization program across field locations, using automation mechanism and monitoring bots, resulting in 28% OPEX reduction and 90%+ execution reliability.
- Integrated the Vendor Management Office (VMO) across global and regional providers, aligning service capabilities with demand while optimizing financial performance.
- Built and implemented a factory-model for compute operations, applying DevOps-style service and predictive monitoring, reducing incident volumes by 80% and boosting uptime for SAP, Operations and Legacy Applications.

Jr. Manager, IT Infrastructure & Operations Lead | Mexico & Americas

DHL Express

📅 02/2015 - 02/2017 📍 Hangares

- Led 24/7 infrastructure operations for DHL's mission-critical logistics network across Mexico and the Americas, ensuring HA, DR, and SLA compliance for core transportation and delivery systems.
- Managed the €22M Ground Hub modernization, deploying a hybrid cloud ecosystem for DHL's Global Autosorting System (15K+ packages/hour). Upgraded infrastructure, OS, and applications, integrating AWS and on-prem systems. Delivered €500K/year in savings, improved operations reliability, and enabled fast, scalable logistics to enable e-commerce surge.
- Migrated courier & voice applications to AWS, introducing Infrastructure as Code and Docker-based containerization. Led the modernization of network infrastructure across 500+ service points, including access point upgrades and secure connectivity enhancements, achieving a 47% reduction in physical infrastructure, 13% cost savings.
- Implemented MyBill, a fully serverless e-billing platform leveraging AWS Lambda, API Gateway, ECS Fargate, and S3, modernizing invoice operations, reducing legacy dependency by 80%, and enabling real-time payment automation.
- Consolidated DHL data centers across Mexico, decommissioning 35% of legacy infra and deploying BCP/DRP between sites. Strengthened business continuity via cross-site network design, DNS failover, and secure backups.

IT Consultant, Infrastructure & Data Engineering

Softtek

📅 01/2014 - 02/2015

- Led infrastructure modernization for GlaxoSmithKline across Mexico, Brazil & CariCam, migrating 100+ legacy Windows servers and apps into virtualized, scalable environments while ensuring zero business disruption.
- Architected and implemented a Citrix-based access control solution to resolve compliance gaps, standardize role-based access, and improve audit readiness.
- Engineered data transformation and reporting pipelines using Python and IBM DataStage for Ford Motor Company, improving ETL efficiency and boosting campaign performance by 37%.

Team Lead, Global Service Management

CompuCom

📅 01/2013 - 01/2014

INDUSTRY CERTIFICATIONS

AWS Certified Solutions Architect – Associate (2025)

Azure Certified AI-900, AZ-900, DP-900 – Microsoft (2020)

AWS Certified Cloud Practitioner, AI Practitioner (2025)

ITIL v4 & COBIT5 Foundations – AXELOS / ISACA (2020)

Scrum Master Certified (2020)

Data Center Certified Associate (Schneider Electric)

Cloud Computing (EOI Business School)

EDUCATION

Master of Business Administration
Universidad de las Américas Puebla

📅 01/2017 - 01/2019 📍 Location

- Specialization in International Strategy

B.Sc. in Computer Engineering
Instituto Consorcio Clavijero

📅 01/2011 - 12/2015

Strategic Management & Innovation
Copenhagen Business School

📅 01/2021 - 12/2021

Cybersecurity
University of Maryland

📅 01/2020 - 12/2020

Data-Driven Decision Making
Tecnológico de Monterrey

📅 01/2018 - 12/2018

Business Technology Management
Indian School of Business

📅 01/2017 - 12/2017

Management Skills Development
Universidad Nacional Autónoma de México

📅 01/2016 - 12/2016