Contact

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Top Skills

Team Leadership
Negotiation
Banking

Languages

Español (Native or Bilingual)
Ingles (Full Professional)

Ernesto Szini

Data Engineer | Big Data Arquitect
Other

Summary

Results oriented, innovative Senior Information Systems and Technology Leader with demonstrated proficiency implementing effective solutions in support of business imperatives. Leverages over 15 years of experience managing information systems areas, software engineering processes and technological infrastructures to drive optimization across diverse industries and sectors. Track record of cultivating collaborative partnerships with internal and external stakeholders to execute projects in accordance with objectives, timeline and scope. Recognized as a strategic advisor and highly effective leader with the ability to provide critical insight to senior leadership and clients, while simultaneously managing multidisciplinary project teams.

Experience

Endava
Sr Big Data Architect
March 2019 - Present (1 year 5 months)
Argentina

(AC) Head of Data Community

OCA
Sr Big Data / BI Manager
February 2018 - March 2019 (1 year 2 months)
Buenos Aires, Argentina

Lead the development of the big data and BI area in accordance with the strategic guidelines of the organization.

Coordinate initiatives for the design of new products based on commercial offer of knowledge derived from the data provided by the transactional systems of the organization.

Design, architecture and data engineer…

- Centralized repository of data for the consumption of internal customers, based on C , Python ETL proced, hadoop, hive, impala data bases and qliksense technology.
- Strategy for the provision of dashboards for C-management, operational control and marketing analysis.
- Design of recommendation systems for promotion and marketing initiatives based on behavioral segmentation, profile classification and predictive analysis.

Data IQ México
Sr BI Solutions Manager
September 2015 - February 2018 (2 years 6 months)
México

Identify, design and implement solutions and products to resolve reporting and technological inefficiencies within financial institutions in accordance with regulatory compliance measures and best practices.

- Spearheaded the design and construction of QVESTOR, a solution based on Qlikview, which enhanced efficiency and optimized regulatory reporting processes across banks and financial institutions in Mexico.
- Direct and manage the deliverables of specialists to ensure effective design and programming of solutions based on business intelligence tools (Qlikview).
- Develop products and services based on machine learning techniques, designed to exploit large volumes of data, predictive analytics, segmentation and classification of universes (clients, texts, data) for promotional campaigns and targeted sales, trend-based recommendation systems and NLP research (pos tagging).

Data IQ - Qlik Master Reseller
Sr BI Solutions Manager
September 2014 - August 2015 (1 year)
Argentina

University of San Isidro
Professor
January 2012 - December 2014 (3 years)
Argentina

Professor

- “Artificial Intelligence”, Grade Course, 6 months
- “Business Intelligence”, Grade Course, 6 months

Research activities

- Machine learning (captcha breaker with 99 % confidence),
- Artificial Intelligence (tree search engine developed in Prolog),

Oracle Argentina

Project Manager - Argentina / LATAM

July 2012 - June 2014 (2 years)

Argentina

Served as project manager with sole accountability for overseeing timely completion of multiple initiatives of various complexity levels and scopes. Manage the entire scope of projects of various budgets and complexity levels including definition of scope, identification of key deliverables, delegation of tasks to team members and ensuring timely execution.

Selected project highlights

- Managed the deployment of Siebel CRM (Phase I) in the Argentine National Bank comprised of over 15,000 employees in over 600 branches.
- Supported objectives of despegar.com, in which a world-class ERP to be listed on the stock exchange was implemented and scaled, necessitating a feasibility study (GAP analysis) for the installation of Oracle ERP (eBS).
- Designed and delivered Business Intelligence modules for ARPOV, resulting in significant improvements to commission payment processes.

Banco Provincia de Buenos Aires

Technological Infrastructure Manager

January 2008 - March 2011 (3 years 3 months)

Argentina

Spearheaded and directed the entire scope of a project designed to enhance technological infrastructure, resulting in significant updates and modernization.

- Oversaw the renewal of all technological components including IBM Mainframe, SAN network with EMC disks, WAN data network over frame relay links with CISCO hubs and switches, LAN data network with TCP / IP over structured cabling, as well as various central and departmental systems.

- Ensured adherence of technological updates and solutions to emerging business needs, resulting in optimized administrative and operational processes.
- Cultivated relationships with cross-functional partners within business and technological functional areas to execute projects and relay pertinent updates.
- Served as strategic advisor and consultant to senior leadership by facilitating regular meetings to disseminate status updates and proposals.
- Partnered with specialists to design essential components of technological infrastructure based on selected central systems.
- Managed technical aspects of bidding and purchasing processes of equipment, software and services for projects.

Nexo Pharmaceutical Group
Information Systems Manager
January 2005 - December 2007 (3 years)
Argentina

Responsible for implementation of technological solutions and strategies to increase efficiencies, profitability, maintain quality and ensure continuous improvements

- Supported business imperatives in core functional areas including ERP, HR and sales through the implementation of departmental financial management systems.
- Directed a team of analysts and programmers in the design and construction of control boards for the analytical exploitation of sale data.
- Created and maintained project plans, including detailed work breakdown structures, in addition to quality, risk mitigation, and communication plans.
- Directed the configuration of multiple, complex system implementations and facilitated end user support and training accordingly.

Banco Provincia Buenos Aires
Technological Infrastructure Manager
January 2000 - December 2004 (5 years)
Argentina

UNDP
Software Engineer
January 1994 - December 1999 (6 years)
Ministry of Economy of Argentina

Coordinated the support area for developers in the project to build the system for the improvement of the Argentine financial administration (SIDIF).

ORACLE Argentina
Development Support
January 1991 - December 1993 (3 years)
Argentina

Coordinated the architectural and development support tasks for several projects.

UNDP
IT Programmer
January 1989 - December 1990 (2 years)
Ministry of Foreign Relations and Culture

I was part of the application development team for the support of embassies of Argentina abroad (Unix, TCP / IP, UUCP, C language, CTREE, SQL)

Laboratorio de Informática NOSIS – LIKA
IT Programmer
January 1988 - December 1988 (1 year)
Argentina

Designed and developed a text indexing system for the creation of a hypertext containing all the codes of Argentine law (civil code, criminal law and jurisprudence), based on Unix and C language.
Developed a system of indexing text in real time with articles from journalistic sources (REUTERS), based on Unix and C language.

Education

Universidad de Buenos Aires
Machine Learning · (2012 - 2012)

DataIQ
Qlikview Design & Development, Business Intelligence · (2015 - 2015)

ORACLE
Project Manager Certification Program · (2013 - 2013)

Universidad de Buenos Aires

Bachelor in Computer Science, Information Technology · (1982 - 1990)

Instituto Industrial Luis A Huergo

High School, Industrial Electronic Technician · (1977 - 1982)