



# Samuel Cardenas

## Senior Solutions Architect & Project Manager

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 +52-442-280-4298

 Mexico, Queretaro.

Senior Solutions Architect and Project Manager with 20+ years of experience leading multi-disciplinary global teams. Always looking ahead to get faster, better and more robust solutions, while ensuring quality and operational standards for the business.

### EXPERIENCE

#### Solutions Architect & PM 01/2017 2022→ Remote

##### Freelancing

- All next project descriptions are mostly part of different projects where I've been part as a contractor as Sol.Arc. P.M. or Sr. Dev for clients in Mexico, central and south america.
- Architect a IoT system for a Sugar Cane Factory, with a production ontime/online report system.
- Designed a bitcoin mining center, API exchange gateway for usd/btc exchanges and payment gateway for ethereum and bitcoin.
- Management and implementation a Time Prediction System for Shift Assignments based on statistical historical information.
- Implementation of new reports for SAP using Jaspers Reports and SAP-ABAP for data extraction and manipulation.
- Implementation of eCommerce Solutions based on OpenCart with reports, payment gateways Paypal and Coingate for Bitcoin Payments.

#### Solutions Architect 09/2021 10/2022 Remote

##### Consorcio Organizacional PALU

- Designed a solution that improved cost and time consuming. Eliminated manual operations, avoid task prone to human error, which saved about US\$6250/team.
- Fully automated process for third-party information providers.
- Lead the management of the project, team-building, risk management during the project life cycle.

#### Project Manager/Founder 02/2016 02/2017 Qro, Mex

##### Amcer Tech

- I founded an eCommerce Consultancy Company, providing a fast and and inexpensive solutions, I invited two more partners and together, we made really interesting things, we used WooCommerce as our baseline application and delivered many implementations based on our clients needs, we integrated with PayPal, MercadoPago and coingate as our payment gateways.

#### Project Leader 03/2011 02/2016 Qro, Mex

##### General Electric Aviation, General Electric Power & Water

- Management of multicultural working teams with engineers from India, Germany, China and India, delivering in-house solutions for different project.
- Project management for an aircraft engine deterioration tool, that made possible to predict aircraft maintenance according to fleet contracts, improving cost in repair time in shop.
- Lead data migration from TeamCenter PLM to Enovia PLM, working close to Berling GE P&W, designed a validation tool for data extracted files.


#### Project Technical Leader 07/2009 03/2011 Mty, Mex

##### Grupo Comercial Cadena OXXO

- Development over an online transactions framework using native

### EDUCATION

B.Sc. Computers  
Systems Engineering  
**Universidad de las Americas-Puebla.**  
 2000 -2005

Master of Information Systems for  
Technology Management.  
**Universidad Autonoma de Queretaro**  
 in-progress


### CERTIFICATIONS


SixSigma DMAIC Black Belt training  
**Six Sigma /GE Aviation**  
 2014


SixSigma Green Belt Certification.  
**Six Sigma /GE Aviation**  
 2012

CCNA 1 & 2  
**CISCO Academy /UDLAP chapter**  
 2004

### ACHIEVEMENTS

 **100+ development implementations**  
some of them represent millions of pesos in revenues in eCommerce, electronic transactions, and still going on.

 **Microservices before they existed.**  
Before they were call microservices, we were already implementing them, as individual elements, able to work together.

 **IA is here to stay.**  
20 years ago, the future seemed to far. The future is today. IA and machine learning, are now letting us to develop and implement smart solutions, there is still a long way, but it seems closer now.

### SKILLS

Leading multi-disciplinary global teams.  
Team Building and HR management.  
Problem solving and Conflict management.

Java 1.8+   Javascript   NodeJS   Python  
HTML/   AJAX,   PL/SQL   Spring/

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JAVA and WebMethods BPM: Recarga de Transporte Publico, Venta de Boletos de Autobus, Caja Fuerte Inteligente, Melate Digital, all those throw VISA/Mastercard Payment Gateways integration.

- **Project RTP (Recarga de Transporte Publico)** we made possible using the actual system of payments for public transport across all Mexico today, we used RESTful communication & RFID.  
**Project "Venta de Boletos de Autobus" (Bus Ticket Sale):** integration between POS of OXXO convenience stores in Monterrey, this was these baseline for more integrations. The project is currently deployed to 12500+ stores in 2022.
- **Project CFI (Caja Fuerte Inteligente)**, avoid suspicious money handling in OXXO convenience stores. Made possible to monitor the cash flow in stores with constantly communication with POS and electronic safety deposit, cash flow not exceed the maximum allowed amount in cash. The project is currently deployed to 12500+ stores in 2022.
- **Project for Online Lottery for Melate transaction.** This development made possible to sell Random Melate numbers, online lottery ticket check and payment process in stores when cash and amount were possible. The project is currently deployed to 12500+ stores in 2022.

CSS	Jquery	Servlets
JSP/Struts	PHP	Rust C++
Android Studio	Postman	Rest API
WebMethods	Oracle BP	PEL SAP/ABAP
OracleDB	MariaDB	MongoDB Postgres
RESTful	SOAP	JSON XML
SVN	GitHub	CVS
AWS	Digital Ocean	Heroku
Ubuntu	RedHat	Centos
Statistical Analysis	IA	M. Learning
Agile	Kanban	Scrum
CMMi	ITIL	PMM
Arduino	Microchip	Raspberry
Cryptocurrency	payment gateways.	Coldwallet & Metamask

### SPOKEN LANGUAGES

Spanish Mother tongue (fluent)  
English Advanced (Proficient)

### VISA & PASSPORT

