

Daniel Cárdenas

SOFTWARE ENGINEER

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Education

UANL - FIME (Universidad Autónoma de Nuevo León)

SOFTWARE ENGINEER

Mty, NL

Aug. 2011 - Nov. 2015

Laboral experience

Cemex

Prague, CZ / Monterrey, MX

SOFTWARE ARCHITECT / SENIOR SOFTWARE ENGINEER

Dec 2016 -

- Developed a web application (Track & Trace) for CEMEX customers using Angular 2 as main resource. Gave a lot of orientation to my teammates during this project
- Later on they gave me another project to develop called Drivers Console.
- Then went to Prague to plan and develop a new product. My job here was to made the architecture of the project, code reviewing and distribute the work to developers (also coded a lot here).

 Order Taking

 Track & Trace

 Drivers Console

Oxxo

Monterrey, MX

LEAD DEVELOPER

Jan. 2016 - Dec 2016

- Designed and developed whole system of auto-serivce for the customers and implemented the pay system with POS (Oxxo cash register). This is developed in iOS for iPads. The memory is optimized since the app is alive 24/7. Later the same development was used for another FEMSA product named "O'Sabor"

 OXXO Gomez Morin project screenshots

 O'Sabor project screenshots

These projects are supported and currently in an expansion process

Mary Kay

Monterrey, MX

CONSULTOR

- Android project

Tix Technologies

Monterrey, MX

SOFTWARE ENGINEER

Nov. 2013 - Jul. 2014

- HotelesCity website front-end development (now called CityExpress)
- Custom facebook library for Android for the development team.
- RSA signature application for local goverment documents (Apodaca, NL). Made in .NET.

Epicor Software Corp

Monterrey, MX

SOFTWARE ENGINEER INTERN

Jul 2012, Ene 2013

- Member of the developers team for CRM "Cliente". Developed in .NET (I gave support/added customizations. Developed in C#, T-SQL).
- Later on I became part of the team who developed a web ERP "P21". Developed in ASP MVC.

I also trained new interns and helped them with their tasks

Freelancer

Client: TEC Energy - tecenergy.ca

Montreal, CA

C# QUANDL DEVELOPER

Sep. 2016 - Oct. 2016

- C# application. Downloads Quandl data (Bulk) and smartly creates the necessary tables in a PostgreSQL database. Everything is done concurrently since it manages large sizes of data

 [Project description](#)

Profet project. Client: "Buro Creativo"

Monterrey, MX

FULL STACK DEVELOPER

Jul. 2016 - Ago. 2016

- Developed a custom CRM from scratch. A web design was given in .psd and I replicated it in HTML. Developed in ASP MVC and deployed the project in azure.

 [Project screenshots](#)

Silicon Valley Startup

California, USA

ANDROID DEVELOPER

Oct. 2015 - Nov. 2015

- iOS app materialized. (Not available anymore in play store)

 [Project screenshots](#)

Ionwater Distributor ERP

Remote - Monterrey, MX

FULL STACK DEVELOPER

Jan 2014 - Ene 2016

- My first big professional project. Developed a custom ERP from scratch for IonWater distributors in Monterrey, MX. Project is developed in .NET in a modular way so new features can be added easily. Hosted this project into a custom server (not azure, a physical Windows Server 2012 computer with IIS). This project is still working till this day.



 [Project screenshots](#)

Weekends jobs

Remote

DEVELOPER

May 2015 - Jan 2016

- Abierto studio:
Made a website for a construction startup
 [Abierto studio screenshot](#)
- Gohotbox.com:
Website creation from 0 (no design was given, I just improvised this) then implemented it under Cratejoy CMS.
 [Gohotbox screenshot](#)
- Surgeforward:
Voice recognition implementation using C++ (NDK) for their an Android app.
oAuth protocol implementation for another Android app.

Skills & stack

MY FAVORITE PROGRAMMING LANGUAGES

♥♥♥♥♥♥♥♥	C++, Advanced
♥♥♥♥♥♥♥	Java, Advanced, very efficient in this one
♥♥♥♥♥♥♥	C#, Advanced
♥♥♥♥♥♥♥	Python, Advanced
♥♥♥♥♥♥♥	Javascript, Advanced
♥♥♥♥♥♥♥	Typescript, Advanced
♥♥♥♥♥♥♥	Objective-C, Advanced
♥♥♥♥♥♥♥	Swift, Intermediate
♥♥♥♥♥♥♥	SQL, Intermediate
♥♥♥♥♥♥♥	Elixir, Intermediate

STACK



Android, [Material design | Animations | UI/UX | Google services | NDK | AppCompat]



iOS, [iPhone | iPad | UI/UX | Flat design | API consume]



Frontend web, [Angular 2 | Typescript | JQuery | CSS3 | Bootstrap 4 | SASS SCSS | Webpack]



Backend web, [PHP | Apache | nginx | node.js | Phoenix]



.NET, [Core | Web forms | ASP | MVC | Web services | WPF | WinForms | SQL Server | IIS]



DevOps, [Circle CI | Travic CI | Pipelines (BB) | Bluemix | Azure | VPS]



Databases, [MongoDB | MSSQL | MySQL | PostgreSQL | SQLite3]

STACK TOOLS



Environments, [Visual Studio | Vim | Atom | CLion | Andorid Studio | XCode]



Team, [Scrum | inVision | Git | JIRA | Agile]



Design, [Adobe Illustrator | Adobe Photoshop | Gimp]



OS, [Arch + awesome wm | Win10 | WinServer | OSX El Capitan]

Courses

Acceleration program

California, US

PLUG AND PLAY

Sep 2015 - Nov 2015

- Daily conferences focused on fast launching for startups, marketing, innovation, etc...

Curses provided

C# course

Monterrey, MX

UANL (FACPYA)

Feb. 2016

- Taught OOP with C# to the students of my own university from another career. How to use Interop libraries, to automatize tasks from Excel data using LINQ.

Open source projects

Whatsapp framework

OPEN SOURCE



- Whatsapp framework that allows you to make whatsapp bots (started as a weekend project for my school friends). The framework itself has all you need to make your own custom functions/modules.

[Project repo](#)

Audio Stego

OPEN SOURCE



- Stenography algorithm. Hides data (files or text) inside a song without affecting how the song sounds. The same program can detect if a song has something hidden and extract it.

[Nuul-byte mentioned my project in one of his posts referring to Mr. Robot series](#)

[Project repo](#)

CANSLIM strategy implementation under C++

OPEN SOURCE



- Scraps data from Quandl, Yahoo finance, etc... To do the fundamental analysis explained in the William O'Neil book. Drops similar results to the IDB Leaderboard. But you dont have to pay anything as in IDB

[Project repo](#)

C++ API para Quandl

OPEN SOURCE



- Best quandl c++ library out there. But only I know how to use it :p

[Project repo](#)

Languages I speak

Spanish	Mother language
English	Fluent, no problem at all
Italian	Advanced
Japanese	Can understand and read couple of things
Chinese	Very basic (numbers, some sentences, some words)