Daniel **Cárdenas**

Software Engineer · Software Architect

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Summary

I am a passionate software engineer. 10+ years of professional experience. I love engineering and all the aspects that it involves, especially software. I like to create and develop great things that look great and work great.

My strongest Dev skill is Frontend development. I enjoy doing it with nice details, good looking feel, and doesn't drains me since I'm usually efficient doing it as a job.

I keep myself updated doing personal projects or open source just for the joy of programming.

Im interested in high performant appliciations.

⌂ Typescript / Javascript is my main language.

Work Experience and Freelancing

Genie Terex
Remote | Monterrey, MX

Embedded Software Developer
2022 - Current

- **Genie Machines**: Machine low lever software development with **C++**. Code support and bugfixing

Luxoft
Remote | Sunnyvale, CA

Senior Software Developer
2022 - Current

- **JSR Web aapplications**: Webapp creation with **NextJS** / **React** for laboratory prteins tracking across multiple sites

Cemex (Neoris).
Prague, CZ | Remote | Monterrey, MX

Senior Software Engineer (Frontend)
2016 - 2022

- **Orders & Products**: Module creation from scratch. We used mainly **Angular** and **React** to create **webcomponents**. This application is targeted to Cemex clients for easy buying and delivery to their jobsites. Supports more 20+ countries.
- **Track & Trace**: Project that allows the clients to track the information about the trucks that are moving to his jobsite place with detailed information. We used google maps api for this project, **Angular**
- **Employee Console**: Administration tool for Cemex eployees where they can manage contracts and orders.
  This projects loads external modules, passes authentication and automates process (Mostly done in **Angular**)

Stukent (Freelance)
Idaho, US | Remote

(Independent) Fullstack developer
2021 - 2022

- **Courseware components**: Creation of components based on design (**Storybook**).
  Every component gets deployed separately in a minified version as a **Webcomponent** for later use. Every component is managed trough a common store shared by several projects. Testing (**Jest**) these components is imperative to make sure they work properly for further connection. **Courseware simulations**: Most of the data management is handled in **Azure** functions made in **C#** which which is part of the entire simulations creation.

1EQ. (Freelance)
Washington, DC | Remote

(Independent) Fullstack developer
2019 - 2020

- **Healthcare Babyscripts**: Maternity care platform.
  Each feature development involving all the layers of development. Frontend with **Angular** for Hospitals and providers web app and Hybrid application for patients. Everything is built with **Webpack**
  Backend using mostly **AWS (DynamoDB, Lambda, SQS, SNS), GraphQL**. Also **Iterable** for campaigns connections and notifications

Mi Chance (Manufacture Freelance)
Remote | Mérida, MX | Monterrey, MX

(Independent) Software Engineer
2016 - 2017

- **Project**: Define requirements with product owners. Develop every layer of the system which is based on **Google Cloud Platform**. Cost effectiveness and performance are key in this project due to the budget of the investors. So the stack of the application uses Google cloud compute engines (separated api, and frontend) which both are auto scalable due to the user traffic. Uses **Datastore** as main database source (**NoSQL**). Everything is versioned and built automatically with **CircleCI** + **Gitlab** into their corresponding environments. Front end applications are developd in **Kotlin** and **Vue**

Oxxo
Monterrey, MX

Software Architecture & Lead Developer
2014 - 2016

- Designed and implemented of a kiosk system for selected Oxxo's stores. Kiosks are connected to their respective POS system and are optimized to work 24/7. The application patches and updates itself remotely.

Tix Technologies. *Remote | Monterrey*

Software Engineer *2013 - 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 *2012 - 2013*

- Member of the developers team for CRM "Clientele". 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.

Projects

Projects

2014	⨀ **Audio Stego,** Stenography tool. Built in C++.	*Home*
2016	⨀ **QuandlCpp,** Efficient Quandl C++ library	*Home*
2017	⨀ **Whatsapp framework,** Python framework for whatsapp bots creation. Built in Python.	*Home*
2017	⨀ **leind-stocks ,** 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. Built in C++.	*Home*
2019	⨀ **Sulla,** Sulla is a javascript library which provides a high-level API control to Whatsapp so it can be configured to automatize resposes or any data that goes trough Whatsapp effortlessly.	*Home*

Freelancer

2016	⨀ **Quandl retriver (tecenergy.ca),** Quandl big data retriever for data science firm active in financial electricity markets. Built in C# and PostgreSQL.	*Montreal, CA*
2016	⚲ **Profet CRM (Full-stack),** Created of custom CRM system that was later sold to this company so their developers can maintain it and develop above it. The stack usedfor this application is mainly .NET Core and it's deployed into Azure.	*Remote*
2014 - '16	⚲ **Ion Water distributor ERP (Full-stack),** Developed a whole custom ERP system from scratch. Architecture of the application is based on modules which are easily added to the systemas the client needs. This system is deployed into the client servers which used IIS. and still running. The stack used here is T-SQL, .NET MVC.	*Remote*

Skills

Frontend	Angular | React | Vue | Vanilla JS | NextJS
Programming	TS | JS | Python | C++ | Rust | Java
Distributed programming	Kafka | Aeron | Vertx | Java
Backend	NodeJS | .NET Core | SQL | NoSQL | Aeron | HFT
DevOps	Azure | AWS | Google Cloud Services
Automatization	Jest | Mocha | Puppeteer

Languages I speak

Spanish	**Fluent,**
English	**Fluent,**
Italian	**Intermediate,**

Coures

Acceleration program *California, US*

Plug & Play *Sep. 2015 - Nov. 2015*

- Daily workshops focused on how produce a fast app launching for startups, marketing, innovation, etc...

Machine Learning A-Z™: Hands-On Python & R In Data Science *Remote*

Udemy

- Machine learning course

Education

UANL - FIME(Universidad Autonoma de Nuevo León)

SOFTWARE ENGINEER

- Paused at my last semester to focus on my work.

Monterrey, MX

Aug. 2011 - Exp. Nov. 2015

Curses provided

UANL (FACPYA)

OOP WITH C#

- 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.

Monterrey, MX

Feb. 2016 - PRESENT