

# Daniel Cárdenas

SOFTWARE ENGINEER · SOFTWARE ARCHITECT

Monterrey, NL. México

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## Summary

Full-stack developer with 10+ years of experience in building web apps and systems. I've developed expertise on Enterprise Frontend engineering B2B and B2C products high performance and high compatibility.

Mostly code in Javascript/Typescript and Python using tools like React, Angular, NextJS, NodeJS.

To deploy my applications I mainly use: Vercel, GCP Cloud Run, Cloudflare

### What to expect from me / My strengths :

1. Skilled at building projects from scratch, delivering MVPs quickly
2. Create visually stunning and intuitive UIs
3. Deliver clean, well-tested code
4. Quickly contribute to existing projects without onboarding assistance

### In my free time:

I actively contribute to open source in Github. Also navigate through Dribbble / Behance and implement designs I like using various tech stacks.

## Stack

<b>Frontend:</b>	Angular, React, Javascript, PWAs, React Native, Expo, SASS, CSS, HTML
<b>Backend:</b>	NextJS, Remix, NodeJS, Bun, VertX
<b>DevOps:</b>	Google Cloud Platform, Firebase, Cloudflare, Vercel, Docker, Supabase
<b>Database:</b>	PostgreSQL, GraphQL, NoSQL, Neon (Pg)
<b>Programming:</b>	Typescript, Python, C#, Rust, C++, Java, Go
<b>Microservices:</b>	SocketIO, Kafka, Aeron, Vertx, Iterable
<b>Testing:</b>	Playwright, Puppeteer, Browserless, Jest

## Work Experience and Freelancing

### Luxoft

SENIOR SOFTWARE DEVELOPER

Remote

2022 -

- Lead development of robust main application built with **NextJS/React** and **PostgreSQL / GraphQL**.
- Automated shipment across the world with **Aftership**
- Automatic paper PDF on demand generation for client requests with **Google Cloud Function** and **Puppeteer**
- **Playwright** E2E Testing suite across entire application from single component functionality (**Jest**) to entire user submission process including emails (**Mailtrap**)
- Configurable dynamic complex form generation from single **API** endpoint that renders to the user and keeps the same beautiful look and feel. Based on the configuration files, E2E tests are created automatically.

### DHL

SENIOR FRONTEND ENGINEER (FREELANCE / CONTRATIST)

Remote

2022 - 2024

- Web application system development for DHL tracking of custom deliveries for B2B. Mostly **Angular**

### Genie Terex

EMBEDDED SOFTWARE DEVELOPER

Remote

2022 - 2022

- Here I took a very hard algorithmic test in **C++** to qualify. I wanted to try working with Low-level microchip programming since I was always interested but I didn't enjoy it as much as doing Web Development. So I left after 6 months of working

### Cemex (Neoris).

SENIOR SOFTWARE ENGINEER (FRONTEND)

Remote

2016 - 2022

- Led and created from scratch the frontend main application **Angular** for Cemex Go. Currently supports more 20+ countries consuming different business rules for each from **Azure Microservices**

### Stukent

FULLSTACK DEVELOPER (FREELANCE / CONTRATIST)

Remote

2021 - 2022

- Created a lot of modular Courseware components using **Storybook .NET Core** and **Angular**. Ensuring seamless integration.
- Managed **Azure** functions in **C#** for data handling in simulations, ensuring seamless operations.

## OXXO

Monterrey, MX

SOFTWARE ARCHITECTURE & LEAD DEVELOPER

2014 - 2016

- Created from scratch kiosk system for OXXO stores, enhancing POS connectivity and uptime. Using iOS native development **Swift** and **Objective-C**. Programmed entire UI from given designs from the UI team
- Led the design and deployment of a 24/7 self-updating kiosk system, enhancing POS integration and operational efficiency across select Oxxo stores.
- Designed the DB (**MySQL**) for flexibility using resources already provided by the OXXO Stores.
- Transmitted the order via FTP with to the physical POS. Printed the order ticket for the end user via Bluetooth using printer SDK

## Epicor Software Corp

Monterrey, MX

SOFTWARE ENGINEER INTERN

2012 - 2014

- Supported and customized CRM 'Clientele' in **.NET**, enhancing functionality and user experience.
- Contributed to the development of web ERP 'P21' using ASP MVC, improving system efficiency.
- Developed software in **C#** and **SQL**, ensuring robust and scalable solutions.

## Projects

### PROJECTS

- |      |  |                      |
|------|--|----------------------|
| 2024 | 🔗 <b>Surebet</b> , Realtime sportsbook arbitrage opportunity finder and automatic placer. Built with <b>NodeJS</b> | <a href="#">Home</a> |
| 2019 | 🔗 <b>Sulla</b> , Sulla is a <b>NodeJS</b> library which provides a high-level API control to Whatsapp              | <a href="#">Home</a> |
| 2017 | 🔗 <b>QuandlCpp</b> , Efficient Quandl C++ library on top of <b>.NET</b>  | <a href="#">Home</a> |
| 2017 | 🔗 <b>leind-stocks</b> , Implementation of the steps of the William O'Neil book trough all possible stocks.         | <a href="#">Home</a> |
| 2016 | 🔗 <b>Whatsapp framework</b> , Whatsapp api framework built in <b>Python</b>  | <a href="#">Home</a> |
| 2014 | 🔗 <b>Audio Stego</b> , Audio Stenography library   | <a href="#">Home</a> |

### FREELANCER

- |      |   |                        |
|------|---|------------------------|
| 2016 | 🔗 <b>Quandl retriever (tecenergy.ca)</b> , Quandl big data retriever for data science firm active in financial electricity markets. Built in <b>C#</b> and <b>PostgreSQL</b> .  | <a href="#">Remote</a> |
| 2014 | 🔗 <b>Profet CRM (Full-stack)</b> , One of my firsts professional jobs. Created a custom CRM system for a marketing local company built on <b>.NET</b> and used <b>jQuery</b> (Angular didn't existed at this time)  | <a href="#">Remote</a> |
| 2014 | 🔗 <b>Ion Water distributor ERP (Full-stack)</b> , My first professional job. Developed a whole custom ERP system from scratch for a local water company. Architecture of the application is based on modules which are easily added to the system as the client needs. This system is deployed into the client local servers (and still running). The stack used here is <b>SQL</b> and <b>.NET MVC</b> . | <a href="#">Remote</a> |

## Education

### UANL - Facultad de Ciencias Físico Matemáticas

Monterrey, MX

PHYSICS

2023

- Study of the fundamental principles of physics, including mechanics, electromagnetism, thermodynamics, and quantum mechanics.

### UANL - Facultad de Ingeniería Mecánica Eléctrica

Monterrey, MX

SOFTWARE ENGINEER

Aug. 2011 - Exp. Nov. 2015

- Study of software development principles, algorithms, data structures, and programming languages. Specialized in web development and cloud computing.