



Mario Eduardo Contreras Serrano

Sr. Frontend Developer

<https://mario.house>

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Solid frontend knowledge of **React, ES6+, HTML5, CSS3+, Redux, Type Script** and **Jest**.
Mobile frontend expertise in **React Native** and **PWAs**.
Strong understanding of **design principles, UX/UI, advanced CSS** and **responsive design**.
A drive for results while focusing on **high code quality** and **performance**.

React React Native Angular NodeJS NextJS GatsbyJS ExpressJS React Spring AnimeJS
Framer Motion ChartJS JavaScript TypeScript Python Solidity

Experience

Frontend Team Lead | Puller Tech | May 2022 - Apr 2023

- Development of **FRQTAL** app, a **NFTs marketplace** focused on digital content creators, was developed with **React Native, Stripe, RN Skia** (for visual effects and animations), and integrated with the **Avalanche Blockchain**.
- Leadership to **create in-house Frontend code standards** across all the company to accelerate the development process for all Puller projects.
- **Creation of workshops** twice a week to help my teammates enhance their proficiency on Frontend technologies and abilities.
- I Led the Frontend development of the Puller web page to connect with clients and showcase the company's projects. Using technologies such as **ReactJS, NextJS, MDX** and **React Spring** for animations.

Frontend Engineer | Sngular | Jan 2022 - May 2022

- Frontend Refactoring Engineer at **BBVA** using cutting-edge technologies for security such as **Lit Element** and **Cells**, and **VanillaJS**.

Full Stack Engineer | FP Alpha | Jun 2019 - Jan 2022

- Development of custom internal web components for data visualization using **Angular** and **VanillaJS**.
- Self-taught of **OCR scripts** development to extract text from PDF files using **Python, ImageMagick**, and **pytesseract**.

Full Stack Engineer | Advant Technologies | Jan 2019 - Jan 2022

- Lead Frontend of **Tiim Flotilla**, designing and architecting a fleet manager progressive web app to manage all the **Tiim's** fleet resources and suppliers using **ReactJS, GatsbyJS, Styled Components**.
- Lead Frontend of the **Helpe** web app, a MVP for give and receive help from people, created with **ReactJS, GatsbyJS**, and **Leaflet** for the maps.
- Lead Frontend of the **Advant Technologies** web page using **ReactJS**, and **VanillaJS** for the scroll interaction.

Full Stack Engineer | GINtelligence | Jan 2019 - Nov 2021

- Lead Frontend of the **Jobfit** web app, for job listing for the entire **GINgroup** and externals using technologies such as **ReactJS, GatsbyJS, NodeJS, ExpressJS, Mongoose** and **MongoDB**.
- Scripts development with **Python, beautiful soup 4**, and **watchdog** to manage all the sales info from the **TPV** of restaurants such as **La Mansión, Corazón de Alcachofa, Garum, Ponte Almeja, Texas Ribs** and many more.

Side Projects

Full Stack Engineer | UNAM - IBT | Apr 2023 - Jun 2023

Codon Adaptation Average is a research project held by **UNAM - IBT (Instituto de Biotecnología)**. I developed a graphical statistical tool using **React, ChartJS, NodeJS** and **ExpressJS** to visualize the results of the laboratory experiments, which accelerates the experiment processes.

Full Stack Engineer | mario.house | Apr 2023 - Present

mario.house is my personal portfolio and blog, where I showcase all my experience as a Frontend Developer and share all the new stuff and programming techniques I found useful in order to create a professional Frontend career. This portfolio/blog is built with **NextJS** and powered by **MDX** which allows me to write blog posts in an easy and concise way. I also use some animation libraries, such as **SalJS, ParticlesJS, React Spring** and **Framer Motion**, to create a unique user experience while navigating through it.