

Jesus Vergara-Cortes

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Work Experience

Senior Full-Stack Engineer

Colorado, USA

Engrain

Apr 2025- Present

- Work on the SightMap team **building and maintaining core features** used in interactive maps embedded across clients' properties websites.
- **Debugged a severe rendering issue** in a 3D map view caused by excessive state updates on mouse events, reducing re-renders from ~50 per interaction to ~4.
- Identified ambiguous, open-ended product problems in the rental user journey and **propose ways to reduce friction** and simplify multi-step workflows, collaborating with marketing and engineering teams.
- Previously there was no real visibility of our data for crawlers or LLMs; after this proposition, a strategy is in process to **become a standard** in terms of structured data and rich results in the industry, with the intention to be ready for the SEO/LLM visibility evolution during 2026.

Full-Stack Developer

Colorado, USA

Indexo US

Jan 2024- Dec 2024

- Established a US.-based continuation of my previous development studio, focusing on **building practical digital tools** for small businesses.
- One client's e-commerce platform needed an **improved pricing workflow** that replaced weekly manual Excel updates; this was successfully implemented, reducing errors and saving several hours of operational work per week.
- As part of the business migration to the US., a new work and business culture led to **redefining product and offer requirements**, having to experiment, test workflows with users, and refine systems based on usage patterns and business feedback.

Full-Stack Developer

Veracruz, Mexico

Indexo MX

Jun 2021 – Dec 2023

- **Launched an independent development practice** that evolved into a formal studio as projects grew in scope and client demand increased.
- Latin American businesses, in their majority being in informality, by the time they consolidate as a business, business owners take decisions based on their trust and experience; an approach of **data-based decisions and user-centered design** was

promoted to allow businesses to have access to metrics that allow them to have better informed leadership.

- Built quoting systems, lead-tracking dashboards, marketing funnels, and internal admin tools that could directly affect **user behavior and revenue**.
- Created a strong network formed by clients and other independent professionals and designers working together focused on **impact, visibility, and business relevance**.

Full-Stack Developer

Jesuralem, Israel

LeadSEO

Jan 2017 - Dec 2020

- Joined initially as a freelance engineer to **resolve live website issues** and was retained as a dedicated developer after delivering strong results.
- The SEO team was auditing and reporting websites manually; an SEO automation tool made sense, obtaining my first **full production responsibility**.
- The web design team was manually launching WordPress SEO satellite websites; a tool was created to **ship custom adapted replica websites with velocity**, taking care of SEO rules and avoiding Google penalizations.
- The company and myself experienced serious growth during our collaboration, being my biggest teacher for **backend services, APIs under load behavior, and frontend performance impact on conversion**.

Web Designer

Courbevoie, France

Expertiseo

May 2015 - Dec 2016

- Joined as part of a university internship program and remained with the team after **integrating quickly into the team and client workflows**.
- WordPress websites were getting heavy after all the necessary plugins that designers were using for customization. My PHP knowledge allowed me to propose **coding solutions to eliminate plugin dependency**.
- At the same time, we improved load times, SEO performance, and **user engagement through hands-on frontend development** with HTML, CSS, and JavaScript.
- All this allowed the agency to expand its digital offering by building custom WordPress sites and **conversion-focused landing pages** for marketing campaigns.

Education

Certification in Cybersecurity

Colorado, USA

Community College of Denver

Jan 2026 – Dec 2026

Bachelor's in IT Engineering

Veracruz, Mexico

Universidad Tecnologica del Centro de Veracruz

Sep 2012 - May 2018

Associate's in Multilevel Application Development

Belfort, France

Institute Universitaire de Technologie Belfort-Montbeliard

Sep 2014 – Jun 2015

Skills

JavaScript(ES+6)/Typescript, PHP, PostgreSQL/MySQL, MongoDB, Firebase, Angular, React, Next.js. Express/Node.js, Laravel, Git, OAuth 2.0, Auth.js, NextAuth, Google Sign-in/Firebase, React Testing Library, PHPUnit/Laravel, AWS, Heroku, Vercel, RailWay, Docker, Podman, HTML5, CSS3, WordPress, Webflow, ScreamingFrog, Google Analytics, Google Search Console, Semrush, Hotjar, Notion, Monday, Trello, Payload.

Languages

Spanish (Native), English (Intermediate), French (B1)