

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.
- **Eliminated visible lag in the 3D map's hover interactions** by fixing a selector caching bug that was forcing ~1000 redundant re-renders per hover session, cutting recomputation time from 3.50ms to 0.40ms per interaction.
- 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.
- **Proposed and now lead a structured-data initiative** to make map and listing content visible to search crawlers and LLMs, in active development as a company-wide strategy for 2026.

Full-Stack Developer

Colorado, USA/Veracruz Mexico

Indexo US & MX

Jun 2021- Dec 2024

- Ran my own development studio, working directly with founders and small-business owners, **translating vague business needs into working software** and owning each project end to end, from scoping through launch and iteration.
- Built a client's e-commerce store around a **custom pricing module** when off-the-shelf platforms couldn't handle his real pricing logic: he priced weekly off a four-week average of fluctuating supplier costs, so I rebuilt that as a web tool that applied his fees, averaged the last four weeks, and pushed the correct price live automatically, which is what finally let him launch.
- Integrated multiple payment providers (Stripe, PayPal, and regional bank methods) and **built custom order/payment logic** where a client's flow needed rules the standard checkout didn't cover.
- Built quoting systems, lead-tracking dashboards, and internal admin tools, and used analytics and session recordings to iterate on them based on how real users behaved.

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-Montbéliard

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)