

Cesar Alejandro Vasquez Restrepo

Full-Stack Web Developer

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EDUCATION

Academlo - January 2023 - September 2023

Full stack web development and computer science

Universidad del Quindío - January 2017 - August 2022

Bachelor's degree in modern languages with emphasis on English and French.

MAIN PROJECTS

Smart Muscle - January 2023

Ecommerce

- Frontend development using pure JavaScript and CSS, focused on performance and responsive design.
- Implementation of technical SEO (meta tags, optimized HTML structure, sitemap, etc.).
- Integration with Google Tag Manager and custom DataLayer for tracking key events and advanced eCommerce metrics.
- Hosting and deployment of the website on SiteGround, including SSL, CDN, and DNS configuration.
- Fully functional and live online store, with complete user experience including cart, checkout, dynamic products, and more.

Link: <https://smartmuscle.com.co>

Looply - July 2025

App to Reduce Food Waste

Full-stack application developed with **React**, **TypeScript**, **Tailwind CSS**, **Node.js**, **Express**, **PostgreSQL**, and **Sequelize**.

- Responsive UI designed using **React-icons**, **Shadcn**, and **Framer Motion** animations.
- Global state management with **Redux Toolkit** and secure authentication using **Auth.js (JWT)**.
- Stripe** integration for secure payments (webhooks and payment intents).
- RESTful backend architecture with data validation, email verification, and full CRUD operations.
- Optimized user experience for local businesses aiming to sell unsold food at low cost.
- Goal:** reduce food waste and promote a circular economy.
- Demo link:** <https://looply-by-ale.netlify.app>

Xio - November 2025

Full-Stack Multi-Site Web Application for Services, E-commerce and Online Education

Full-stack application developed with a separated frontend and backend architecture using **Next.js**, **TypeScript**, **Node.js**, **PostgreSQL**, **Express** and **Sequelize**.

- Designed in Next.js to leverage SEO benefits through Server-Side Rendering (**SSR**) and Static Site Generation (**SSG**).
- Built with a modern stack including Tailwind CSS to deliver a responsive and consistent user interface.
- Authentication system implemented using **JWT** for secure session management.
- Backend developed with Node.js exposing REST APIs for communication with the frontend.
- Features include a service presentation website, an e-commerce platform and a virtual academy with restricted access.
- Designed with a modular structure focused on scalability, maintainability and continuous deployment.
- Demo link: <https://xiomarasanchez.vercel.app>

WORK EXPERIENCE

Fondazione Sviluppo Europa - May 2025- Current

Teacher of modern technologies

- Responsible for teaching the use of "Digital Storytelling" with platforms such as Prezi, Genially, Book Creator, etc. to teachers in schools in Italy.

Smart Muscle Lab - January 2023 - Current

Web developer

- Building the company website.
- Maintain, update and support the company website.

Freelance Services - January 2021 - Current

Content manager | Web developer

- Develop web pages for companies and/or professionals offering their services.
- Maintain, update and support the company website.
- Create and/or manage the digital content of the companies in charge.

Colegio Gimnasio Los Robles SAS - January 2024 - June 2024

Mathematics and technology teacher

- Teach math to children always in a fun and didactic way using English as the main language.
- Teach kids technology, teach them how to program video games with PowerPoint.

Pix Data - October 2022 - May 2023

Content manager and web developer

- Create and/or manage the digital content of the companies in charge.
- Create, maintain, update and support the websites of companies.

Gimnasio los nogales bilingual school - January 2022 - November 2023

Mathematics and biology teacher

- Teach math to children always in a fun and didactic way using English as the main language.
- Teaching biology using English as the main language.

Sinerxlab - June 2020 - January 2022

Content manager, virtual and administrative assistant

- Create and/or manage the digital content of the companies in charge.
- Provide support to customer websites.
- Help lead the work team and coordinate using SCRUM methodology.

SKILLS Programming languages:

JavaScript - 2 years and TypeScript - 1 year

Technologies

HTML, CSS, Javascript, React, Redux, Node.js, Express, Tailwind, PostgreSQL, MongoDB, Amazon Web Services (AWS), Git, Github, Docker, Adobe Premiere Pro, Adobe After Effects, Google Analytics, Google Tag Manager, Meta, Brevo, Mailchimp, Trello, Google Suite, Canva, CapCut, Next.js, TypeScript, Wordpress, Digital Ocean, Cloudflare, Render, Netlify, Auth, Docker.

Online Courses

Full Stack development React.js, Node.js, Express and PostgreSQL (Academlo, 2022), Digital Marketing (Crehana, 2020), Javascript (Platzi, 2022), React from zero to expert (Youtube, 2022) Javascript from zero to expert (Youtube, 2023) Monolito project with **Next.js**, **TypeScript**, **Prisma**, **PostgreSQL** (Academlo, 2025) Premiere Pro (Crehana y Udemy, 2020) Animation with After Effects (Crehana 2021) Wordpress and SEO (Mompis, 2022)