

# Christian Villegas

## Full Stack Developer

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I am a Full Stack Web Developer specializing in the development of applications using JavaScript, TypeScript, React, Node, and both relational databases like PostgreSQL and non-relational databases like MongoDB.

I am deeply passionate about technology. I enjoy continually expanding my stack by incorporating new tools to build better solutions and honing my soft skills such as communication, active listening, etc., in order to enhance my teamwork beyond the knowledge provided by agile methodologies.

In my future endeavors, I plan to delve into areas of interest such as Machine Learning, CI/CD, Cloud, etc.

I host my own Twitch channel at [twitch.tv/chrisvdev](https://twitch.tv/chrisvdev) where viewers can see me working on projects alongside the community.

As an IT professional, I also possess a solid understanding of and can develop infrastructures that support applications. Additionally, as a hobbyist photographer, I strive to comprehend how to create improved UI/UX experiences.

**Stack:** HTML, CSS, JavaScript, TypeScript, React, Redux, NodeJS, Express, Sequelize, PostgreSQL, Scrum, TDD.

**Other technologies:** Git, Bootstrap, tailwind, C, C++, Java, Python, Bash, Linux, Docker, Arduino.

**Basical knowledge:** MongoDB, Redis, CI/CD, Github Actions, Testing.

**Topics I'm interest in:** General purpose software development, Web Development, IoT, Machine Learning, Cyber Security, DevOps.

## Projects

(You can see all the projects that I had complete on [christianvillegas.com/portfolio](https://christianvillegas.com/portfolio))

### ***CVuider***

Own project currently in live development on my Twitch channel (May 2023 – present). The objective is to reach an MVP that serves as a tool for composing resumes, assisting the user in achieving optimal results for effective profiling based on the position they are applying for.

Chosen stack: React, TypeScript, Zustand, Tailwind, Firebase.

### ***Persuader.ai***

Own project created live on my Twitch channel (January 2023).

This is a simple project created with the purpose of participating in the Midudev hackathon in collaboration with Cohere. It is a tool that utilizes a language model AI available through the Cohere API to offer assistance in creating clickbait titles and "Call to Action" phrases. The FrontEnd is built using the Astro framework, with components hydrated with React, and styled using the Tailwind CSS framework. The BackEnd is developed using Node.js and Express. Deployment is done on a self-hosted server under the domain

[persuaderai.christianvillegas.com](https://persuaderai.christianvillegas.com)

### ***Full Stack Developer / DevOps – Tecfhnomerch E-Commerce***

Henry Bootcamp, Mar del Plata, Argentina (October 2022 - November 2022).

E-commerce designed and developed as a team using the agile Scrum methodology, in which my involvement consisted of designing the templates for both the FrontEnd based on React and the BackEnd using NodeJS, Express, and Sequelize connected to a PostgreSQL database, enabling the team to develop on them. Implemented Redux using Redux Toolkit to generate global states that consume data provided by the BackEnd's REST API. Created several components that interact with product data, user data, and system functions, as well as repaired/modified components created by other team members.

Provided styling and identity, ensuring responsiveness through a Mobile-First design, and improved the UX of the E-commerce entirely done in CSS. Approved and corrected the integration of new code through coordinated GitFlow.

Deployed on a self-hosted server (Raspberry Pi 3 with Ubuntu Server as the base, PM2 and NodeJS as services, and routing with Mikrotik). Currently migrated to another self-hosted server, under the domain [tecnomerch.christianvillegas.com](http://tecnomerch.christianvillegas.com)

### **Full Stack Developer / DevOps - The Game Catalog**

Henry Bootcamp, Mar del Plata, Argentina (September 2022 - October 2022).

I designed and developed a system that consists of a BackEnd consuming data from the Rawg.io API. I implemented a database using Sequelize and PostgreSQL, a REST API using Express, and a FrontEnd built with React. The FrontEnd follows a Mobile-First approach using pure CSS and incorporates Redux to display a game catalog that can be searched, sorted, and expanded with additional games if needed.

I deployed the system on a self-hosted server (Raspberry Pi 3 with Ubuntu Server as the base, PM2 and NodeJS as services, and routing with Mikrotik). Currently, it has been migrated to another self-hosted server, under the domain [gamecatalog.christianvillegas.com](http://gamecatalog.christianvillegas.com)

## **Professional education**

- Full Stack Web Developer. Henry Bootcamp. 700 hours of theoretical-practical course. 2022
- Computer technician and Bachelor oriented to accounting and economics from E.E.T. No. 5 of Mar del Plata. 2006 - 2009

### **Languages**

- English B2 EF Standard English Test certificate [www.efset.org/cert/Maxcmc](http://www.efset.org/cert/Maxcmc)
- Native Spanish

### **Other studies and data of interest**

- Assistant and Staff in CNV (Non Verbal Communication) Masterclass given by Prof. Master in Public Speaking and Dr. Franco Pisso at the Gran Rex Theater - August 15th 2022
- Assistant in Masterclass of communication and public speaking given by Prof. Master in public speaking and Dr. Franco Pisso at Broadway Theater - November 2021.
- Different courses of photography in and out of studio, Fashion, Landscape, Graphic Design, composition, visual language and Colorimetry, Use of Adobe Photoshop, Lightroom and Phase One - Capture One. Between the years 2018 to 2019

## **Work Experience**

### **Tecnoprices Distribuidora**

RMA Manager. Customer Service, Maintenance and Technical Support (October 2013 to present).

### **Freelance**

Sale, installation, configuration, repair and maintenance of computer equipment – Design and implementation of computer networks – Design and development of customized software for small and medium-sized companies – Installation and configuration of CCTV/IP surveillance systems (from October 2008 to December 2021).

### **Triplecero Computación**

Repair shop technician, home technician, customer service and salesperson, cashier, store manager, customer service and sales to companies (April 2010 to October 2013)