Francisco Javier Castilleja Quintanilla

Computer Systems Engineer

✉ Francisco_Castilleja@outlook.com | ☎ (868)-158-1653 | ⚲ Tamaulipas, México | ⊕ Web Portfolio

Summary

I specialize in full-stack development. My dedication to staying updated with the latest trends and technologies demonstrates my willingness to take on new challenges and contribute to the success of multidisciplinary projects.

Profiles

in LinkedIn	⚡ GitHub
Francisco Javier Castilleja Quintanilla	FranciscoCastilleja

Experience

Freelancer | Hospital General de Matamoros Dr. Alfredo Pumarejo
Web Developer | March 2025 - June 2025

Development of a local web platform for managing patient records and assigning operating rooms in a hospital, replacing manual paper-based processes.

My main role includes the technical leadership of the project, direct coordination with the client for requirements definition, the design and implementation of the frontend, and the supervision of the backend and database.

The main objectives of the system include improving the control and organization of medical records, facilitating the creation, editing, and review of information, and preventing data duplication and inconsistencies.

Technologies used: Astro, React (for interactive components such as react-day-picker), PostgreSQL, Tailwind CSS, TypeScript, JavaScript, HTML, CSS, and JWT for authentication and security.

Freelancer | Hospital General de Matamoros Dr. Alfredo Pumarejo
Web Developer | November 2025 - December 2025

Development of a local web platform for comprehensive management of imaging studies (X-rays, CT scans, MRI, Ultrasound, and Densitometry), used by department staff to organize and access studies more efficiently.

My responsibilities included:

- Requirements gathering and direct communication with the client.
- Full design and implementation of the frontend.
- Coordination and review of the backend and database to ensure compatibility and proper data flow.
- Implementation of key features such as study registration and editing, advanced filtering, search functionality, report generation, and statistics visualization.

Technologies: Astro, PostgreSQL, Tailwind CSS, TypeScript, JavaScript, HTML, CSS.

Projects

Planify — June 2024 - Present
Planify is a platform for easily creating and organizing events.

It allows users to design invitations, manage event tasks, send them to guests via WhatsApp or email, review the guest confirmation list, among other features.

This project was developed using Astro, PostgreSQL with Neon, TypeScript, JavaScript, HTML, CSS, Stripe, Cloudflare, among other technologies.
https://theplanify.vercel.app/

E-Commerce App — October 2025 - Present
I developed an interactive shopping cart module using Nuxt, implementing quantity control, dynamic subtotals, and state persistence. I integrated component communication through `emit` and managed reactive data with `ref` and `computed`, ensuring a smooth and scalable user experience.
https://ecommerce-app-nuxt.vercel.app/

MarvelKnight — December 2022 - Present
Project developed independently to inform fans about the Marvel Multiverse.

This new version features new functions and error handling.

Various technologies were used, including HTML, CSS, Tailwind CSS, TypeScript, Next.js, React.js, and Vercel.
https://marvelknight.vercel.app/

Star Wars Chronology — April 2024 - Present
Star Wars Chronology provides a comprehensive and accurate guide to explore the Star Wars saga in chronological order.

Users can sign in with Google to engage in discussions and share information, thus helping to maintain the accuracy of the chronology.

The project was developed using modern technologies such as HTML, CSS, Tailwind CSS, TypeScript, Next.js, React.js, Supabase, and Vercel.
https://starwars-chronology.vercel.app/

Skills

HTML	CSS	Tailwind CSS	JavaScript	TypeScript
Astro	Next.js	React.js	Git	GitHub
Vercel	Netlify	Supabase	Node.js	Express.js
PostgreSQL	MySQL	Angular	Stripe	Nuxt
Figma	PHP			

Education

Universidad Autónoma de Tamaulipas — Engineering • 9.0
Computer Systems Engineering — August 2019 - December 2023

During my time at the Universidad Autónoma de Tamaulipas, I specialized in Computer Systems Engineering, achieving an average grade of 9.0. Currently, I am an intern and working on my thesis to obtain my university degree.
https://www.uat.edu.mx/

Languages

Spanish	English
Native	B1