

Education

Instituto Tecnológico de Ciudad Madero
Ingeniería de Sistemas Computacionales

Cd. Madero, Tamps
2026

Centro de Bachillerato Tecnológico Industrial y de Servicios No. 105
Técnico en programación

Altamira, Tamps
2021

Experience

Personal Project

Remote

Real-time Chat App (Developer)

Jan 2025 – March 2025

In this project, I built a real-time chat application that allows users to interact with each other instantly. I implemented WebSocket communication to enable instant messaging, which was crucial for a seamless user experience. I also designed a responsive user interface that works well on both mobile and desktop devices. To ensure everything was functioning correctly, I tested the API endpoints using Postman and participated in the database design and data modeling to create a solid foundation for the application.

Personal Project

Remote

Recipe Management Platform (Developer)

August 2025 – Now

For this project, I am developing a full-stack web application to manage family recipes. I implement CRUD operations for dishes, including images, categories, and ingredients. I design a responsive user interface and integrate RESTful APIs, as well as model relational data using MySQL. I focus on scalability, maintainability, and following clean code best practices.

Personal Project

Remote

Event Registration Platform (Developer)

July 2025 – August 2025

In this project, I created a web application specifically for cycling events. The platform allows users to register for events and provides organizers with tools to manage participants effectively. I took the lead in ensuring that the user interface was responsive and user-friendly, which is essential for a positive user experience. On the backend, I implemented services using Node.js and Express, integrating them with a MySQL database for managing events and users. Additionally, I designed a dashboard for organizers to view, update, and track participant registrations, and I was involved in the database design and data modeling to support the application's functionality.

Skills & Interests

Technical:

- **Languages:** HTML, CSS, SCSS, React, JavaScript, TypeScript, Python, Node.js, MySQL.
- **Tools & Platforms:** Postman, Git/GitHub, Figma.
- **Other:** Express, RESTful APIs, WebSockets, Responsive Design, Modular SCSS, Vite.

Language:

- Spanish (Native).
- English (C1 - Advanced).

Interests:

- Cycling and participating in local cycling events.
- Playing basketball, baseball, and swimming.
- Running and general fitness.
- Photography and building personal projects
- Playing guitar