Sergio Fabian Acuña Madrid

Tamaulipas • Altamira • sergioac.madrid@hotmail.com • 8333903699 • portfolio: fabianmadrid.dev

I am a Software Engineer with hands-on experience in full-stack web development, specializing in React, TypeScript, and Node.js. My focus is building scalable applications with clean, maintainable code, grounded in a strong foundation of algorithms and relational database design.

Actively seeking a 4 – 6-month full-time internship starting February 2026.

Technical Skills.
- **Languages:** JavaScript, TypeScript, SQL.
- **Libraries & Frameworks:** React, Express, Socket.io.
- **Databases:** MySQL, PostgreSQL.

Tools: NodeJS, Vite, Postman, Git, GitHub, Figma.

Selected Projects

Real-time Chat App *(Developer)*   Jan 2025 – Mar 2025

Engineered a full-stack, real-time chat application from scratch. Architected the backend using Node.js and Express, leveraging WebSockets (Socket.io) to create a bi-directional, low-latency communication channel for instant messaging. Designed and modeled the PostgreSQL database schema to efficiently store user and message data. Built a responsive frontend (HTML/SASS) that ensures a consistent user experience across desktop and mobile devices. Validated all API endpoints using Postman.

Stack: Html, SASS, NodeJS, Express.js, Socket.io, PostgreSQL, Postman, Vite.

Recipe Management Platform *(Developer)*   August 2025 – October 2025

Developed a full-stack web application from the ground up to manage family recipes. Architected a RESTful API using Node.js and Express to handle all CRUD operations for dishes, images, and categories. Modeled and implemented a relational database schema in MySQL. Built a responsive, component-based user interface with React that consumes the API. The project was engineered with a focus on scalability and clean code principles.

Stack: React, SASS, NodeJS, Express.js, MySQL, Postman, Vite.

Education

Instituto Tecnológico de Ciudad Madero   Cd. Madero, Tamps
Bachelors in Software Engineering   Expected August 2026

Centro de Bachillerato Tecnológico Industrial y de Servicios No. 105   Altamira, Tamps
Programmer Technician   2018 - 2021

Languages.
- Spanish (Native).
- English (B2+ Upper intermediate).

Interests.
- Outdoor activities.
- Photography.
- Playing musical instruments