

MANUEL ALEJANDRO CRUZ HERNÁNDEZ

Full Stack Developer | Software Development

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I am a Full Stack Developer with a constant desire to learn and create solutions. I enjoy diving deep into both frontend and backend technologies, optimizing performance or contributing to open-source projects.

PROFESSIONAL EXPERIENCE



Fullstack Developer – FACMED (UANL)

June 2025 – December 2025

- Successfully designed and launched the first official WebApp for the Faculty of Medicine Congress, achieving widespread adoption by attendees.
- Architected and implemented reusable abstractions in **React** for complex UI components, utilizing **TypeScript** and **Tailwind** to optimize the display of speakers, workshops, and symposia.
- Orchestrated backend services (**Node.js**) and used **MongoDB** as the database to ensure data synchronization between the speaker and attendee modules.



.NET Developer – FACMED (UANL)

January 2025 – June 2025

- Successfully developed a comprehensive clinical management system with clean architecture and layered separation, implementing digital medical records for the administration of medical offices, patient management, doctors and appointments using modern technologies such as **.NET**, **C#**, **Blazor**, **ASP.NET** and **MySQL**.



FullStack Developer – DATEN.MX

January 2024 – May 2024

- Optimize and develop integrations between distributed systems and software for the real estate sector (clients like TerraRegia).
- Integrate modules with **Angular** for internal service consumption, critical incident resolution, and code refactoring.
- Migrate and refactor queries in **PostgreSQL** and **SQL Server** databases.

Personal and Academic Projects

2021 – 2026

- Development and use of modern technologies and application of logic through classes, and functions.

EDUCATION



UANL, Facultad de Ciencias Físico Matemáticas - Lic. en Multimedia y Animación Digital
Nuevo León, San Nicolas de los Garza **(2021 – 2025)**



CETis No.133 Mariano Rincón — Logistics Technician
Veracruz, Naranjos Amatlán **(2018 – 2021)**

LANGUAGES & TECHNOLOGIES

C++, **C#**, **Python**, **HTML5**, **JavaScript**, **SQLServer**, **MySQL**, **PostgreSQL**, **React**, **Angular**, **NextJS**, **ASP.NET**, **Tailwind**, **Visual Studio**, **Visual Code**, **Excel**, **PowerBI**, **Microsoft Office**, **GitHub**.

SKILLS & APTITUDES

Continuous learning and adaptability, teamwork and collaboration, strong social and communication skills, database management, and process optimization

LANGUAGES

- Spanish: (Native)
- English: B1 Intermediate.