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**

– Design and development of a WebApp for managing the Faculty of Medicine Congress, implementing reusable abstractions in **React** for complex UI components, optimizing the visualization of speakers, workshops, and symposiums.
- Backend service orchestration **(Node.js)** to ensure real-time data synchronization between speaker and attendee modules.
– Implementation of the **Vite.js** framework with **TypeScript, React, Tailwind,** and **MongoDB** as the DB.

.NET Developer – FACMED (UANL)   **January 2025 – June 2025**

– Development of clinical management system with clean architecture and layered separation.
– Implementation of international healthcare interoperability standards (HL7 FHIR) for the management of medical offices, patients, doctors, appointments, and medical records, using modern technologies such as **.NET, C#, Blazor, ASP.NET,** and **MySQL.**

FullStack Developer – DATEN.MX   **January 2024 – May 2024**

– Development of integrations between distributed systems, software for the real estate sector (clients such as TerraRegia).
– Integration of **Angular** modules for internal service consumption and resolution of critical incidents, as well as code refactoring
-Maintenance, migration, and optimization of queries in **PostgreSQL** and **SQL Server** databases

Personal and Academic Projects   **2022 – 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 **(2022 – 2026)**

CETis No.133 Mariano Rincón — Logistics Technician
Veracruz, Naranjos Amatlán **(2018 – 2022)**

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 Y APTITUDES

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

LANGUAGES

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