

ALDAIR NAVA

JUNIOR SOFTWARE DEVELOPER

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Apodaca, N.L.

aldairdev.vercel.app

PROFILE

Physics student and Industrial Mechatronics Technician passionate about sustainable technology, scientific computing, and data-driven problem solving. Strong foundation in scientific programming, robotics, and web development, with experience leading international STEAM projects and building full-stack applications. Motivated by complex, interdisciplinary challenges that blend code, and real-world impact.

EXPERIENCE

2025

GH2 SYSTEMS

Junior Frontend Developer

- Built a photo framing e-commerce web app with live frame previews and dynamic pricing.
- Implemented modern routing and server-side rendering (SSR) using React Router v7 and Express.
- Developed a modular, responsive UI with Material UI and Vite for fast development.
- Handled image upload, product configuration, and shopping cart logic.
- Structured the codebase with reusable components and scalable file-based routing.

2021 - 2023

FRC TIGRES 6652

Team Member & Manager

- Led budgeting, logistics, and sustainability initiatives for international competitions.
- Presented project outcomes to sponsors and judges.
- Coordinated cross-functional teams in project planning and robot development.
- Participated in robot design, mechanical assembly, and programming.

EDUCATION

Current

FCFM - UANL

- Bachelor's degree in Physics

2020 - 2023

EIAO - UANL

- Technical degree in Industrial Mechatronics

SKILLS

- **Programming:** Python, Fortran, Javascript / Typescript
- **Web Dev:** React, RRV7, Next.js, Node, SSR, Express, Vite, Material UI, Figma
- **Engineering:** CAD design, Electrical Design
- **Scientific Computing:** Simulations (only data), Numerical Methods
- **Soft Skills:** Leadership, Project Management, Critical Thinking

LANGUAGES

- English (B1)
- Spanish (Native)