# Elías Zapata

Venezuelan, 24 years old. https://portfolio-zaelaisa.vercel.app – zapataelias.prof@gmail.com

*A multifaceted developer who has ventured into various areas of programming, prioritizing optimization and problem-solving, which has allowed me to work in web development, competitive robotics, and immersive realities (XR). I specialize in backend development and the logic of the environments I have worked with. I have also taught in the fields of computer science and robotics. I am motivated by technological research and the design of innovative solutions that provide a clear and tangible purpose for the end user.*

## PROFESIONAL EXPERIENCE

**Comercializadora La Occidental C.A.**                                      **Venezuela, Zulia**
Fullstack Web Developer                                                          *Since 2025*

- **Comprehensive management of the web ecosystem**, implementing strategic solutions for operational challenges. Promoted from **intern to full-time** after successfully developing and launching the company's public interfaces.
- **Development of the corporate portal** in synergy with the Design department, optimizing the information architecture to highlight the organization's services and human capital.
- **Implementation of the digital product catalog**, structuring the inventory visualization after a thorough data analysis to ensure an efficient and accessible user experience.
- **Creation of a statistical dashboard/CRM** for sales and advisor performance analysis. This included **developing a custom API** to ensure data integrity and optimize response times.
- Evolution and modernization of the technology stack, **leading the migration** from Laravel/PHP environments to modern technologies (TypeScript, React, and Astro). This significantly increased the **speed, scalability, and reliability** of the web solutions.

**TechCreativos –San Vicente de Paul School**                                **Venezuela, Zulia**
Robotics Teacher                                                                *2024 –2025*

- **Robotics teacher for General Secondary Education**, responsible for the technological training of over 500 students (grades 9-12). Pioneer in implementing the subject at the institution, establishing the academic foundations of the discipline.
- **Designed and developed a comprehensive curriculum** focused on Theoretical Electricity, Basic Electronics, Programming, and Logic. The program enabled advanced instruction in biomechanics and prototype development using Arduino ecosystems.
- **Directed and executed the institutional Science Fair**, a groundbreaking event that allowed students to apply their technical skills in practical projects. **This initiative transformed the students' technological perspective** and established a new educational standard at the institution.

## EDUCATION

**UNIVERSIDAD DR. JOSÉ GREGORIO HERNÁNDEZ**                    **Venezuela, Zulia**
- *Bachelor of Engineering in Computer Engineering*                    *December 2025*
- Multiple awards at science project fairs and programming competitions.

**INSTITUTO UNIVERSITARIO DE TECNOLOGÍA READIC-UNIR**         **Venezuela, Zulia**
- Associate of Science in Computer Science                    *December 2020*

## SKILLS

- **Web Developer:** Specialized in modern **JavaScript** and **PHP** environments with the Laravel framework. While my primary focus is on backend development, I have extensive experience in frontend interface and logic development.
- **Robotics Programming**: Experience in competitive robotics, designing and executing projects based on **Arduino** and **Raspberry Pi** hardware.
- **Freelance XR Developer:** Creating immersive reality environments, encompassing both Virtual Reality (VR) and Augmented Reality (AR) using technologies such as Unity and MetaQuest.
- **Languages:** Native Spanish speaker. Intermediate English. Learning Italian since 2020.