

# Kevin Yahir Trinidad Medina

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## Profile

Creative and analytical IT Engineering student with robust skills in Full Stack development, specializing in **Laravel** and **React (TypeScript)**. Experienced in deploying web applications on Linux environments and integrating third-party APIs (Stripe, Twilio).

## Projects

**Hospital Information System (HIS) – "Health Care"** *Lead Developer / September 2025 – Present* Developing a comprehensive management system to digitize hospital processes.

- **Stack:** Laravel (Backend), React & TypeScript (Frontend).
- **Key Features:**
  - Implemented secure payment processing integrating the **Stripe API**.
  - Developed a real-time notification system for appointments using the **Twilio API** (WhatsApp integration and the web socket Reverb).
  - Engineered a module for generating PDF medical notes and managing surgical personnel.
  - Created a complete sales module for hospital services and supplies management.

**Internal Management System – IMTA** *Full Stack Developer / July 2025 - November 2025*

Built an administrative platform focused on optimizing institutional processes.

- Designed and implemented the architecture using **Laravel** and **React**.
- Streamlined internal workflows, reducing manual data entry and improving data accuracy.

**Web-Based Sales System** *Developer / 2024* Developed a web application to automate sales tracking and inventory.

- Responsible for UI/UX design, front-end implementation, and back-end logic.
- Focused on performance optimization to ensure fast load times and responsive design.

## Education

B.Sc. in Information Technology Engineering | 2022 - 2025

Universidad Politécnica del Estado de Morelos (UPEMOR)

## Certifications

- Python Fundamentals
- Networking Essentials

## Achievements

- 1st Place Winner, *Rally Latinoamericano de Innovación 2024* (Headquarters Level)

## Technical Skills

- **Languages:** PHP, TypeScript, JavaScript, Python, Java, SQL, C/C++.
- **Frameworks & Libraries:** Laravel, React, Bootstrap, Tailwind CSS.
- **Tools & APIs:** Git, Stripe API, Twilio API, PDF Generation libraries.
- **Systems & DevOps:** Linux Administration (Ubuntu Server, EndeavourOS), Windows.
- **Software:** Microsoft Office Suite, VS Code.

## Languages

- English: B2 Level
- Spanish: Native

## Soft Skills

Problem-solving | Optimization-focused | Teamwork | Analytical thinking | Self-motivated