

## Jhonatan Ancona Herrera

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### Education

#### TECNOLÓGICO NACIONAL DE MÉXICO

Degree, Engineering in Application Development. EAD

Relevant Coursework:

Chetumal, Quintana Roo.

Graduation: In progress

#### IDET PREPARATORIA

Bachillerato tecnológico con la carrera técnica en administración

Tijuana, Baja California

Graduation: July 6, 2022

### About Me

Full Stack Developer with 6+ years of professional experience building scalable web and mobile applications, with a strong focus on Frontend development (React, React Native, TypeScript) and a solid foundation in Backend development and REST APIs. I have worked with startups, international consultancies, and freelance projects, contributing across the full product lifecycle from UI/UX design to production deployment.

I am known for writing clean, maintainable code, applying SOLID principles, solving complex problems, and collaborating effectively with cross-functional teams. I am seeking opportunities where I can create real impact on product quality, performance, and user experience.

### Professional Experience

#### FREELANCER | Full-time

Chetumal, Quintana Roo

##### Full Stack Developer

Feb 2025 - Current

Developer working on an **AI-driven content generation platform** with a focus on scalability and automation.

- Built a modern frontend using **React, Vite, Tailwind CSS, Axios, and Zustand**.
- Developed **Python-based AI agents** with **asynchronous task handling and queue-based processing** for scalable workloads.
- Implemented **HTTP-based agent actions**, integrating prompt engineering and AI model execution to process and publish results via external APIs.
- Orchestrated AI workflows using **Ollama, GPT-OSS, and OpenAI GPT-5**.

**Technologies:** React, TypeScript, JavaScript, Vite, Tailwind CSS, Python, REST APIs, Queues, Ollama, GPT-OSS, OpenAI GPT-5, Docker.

#### FLETES Y BODEGAS | Full-time

Chetumal, Quintana Roo

##### Front End Developer

Mar 2024 – Feb 2025

Developer maintaining and enhancing a **shipment tracking platform**, and building a **dedicated mobile app for drivers** integrated with the main system.

- Improved existing web features and performance.
- Developed reusable UI components using **React, TypeScript, Vite, Redux, Axios, and styled-components**.
- Built and maintained a mobile app with **React Native and Expo**.
- Collaborated with backend and design teams.

**Technologies:** React, React Native, TypeScript, Vite, Redux, Axios, styled-components, REST APIs, Expo, Git, GitHub/GitLab, Docker.

**RINO SOLUTIONS** | Full-time

Chetumal, Quintana Roo

**Full Stack Developer**

Feb 2023 – Mar 2024

Building **web, mobile, and background desktop applications** for enterprise use.

- Delivered **3+ applications** across web and desktop platforms.
- Developed frontend with **React, React Native, Tailwind CSS, Redux, and styled-components**.
- Built backend services using **Rust (Axum)** with **MySQL**.
- Used **Docker and Kubernetes** for deployment and scalability.

**Technologies:** React, React Native, TypeScript, Tailwind CSS, Redux, styled-components, Rust (Axum), MySQL, Docker, Kubernetes, REST APIs, Git, GitHub/GitLab.

**FLETES Y BODEGAS** | Full-time

Cozumel, Quintana Roo

**Senior Software Developer**

Aug 2022 – Jan 2023

Developed web and mobile interfaces connected to **REST APIs** for a tracking and delivery application in the transportation sector.

**Key Achievements:**

- Delivered complete web and mobile applications.
- Project successfully completed and ready for user acquisition.
- Improved frontend architecture and data flow design.

**Technologies:** React, React Native, TypeScript, Redux, REST APIs, Git, GitHub/GitLab.

**SOFTWARE NEXT DOOR (SND SOFTWARE, INC.)** | Full-time

Mexico City

**Front End Consultant**

May 2022 – Aug 2022

Frontend consulting for a gift card platform, focused on UI bug fixing and new feature implementation.

**Key Achievements:**

- Fixed **20+ UI and process-related issues**.
- Implemented new features and enhancements.
- Refactored codebase to improve readability and reusability.

**Technologies:** React.js, JavaScript, CSS, AWS, REST APIs.

**OBLEK COMPANY** | Full-time

Mexico City

**Front End Developer (Lead)**

Jun 2020 – Apr 2022

Led frontend development for multiple web and mobile applications.

**Key Achievements:**

- Delivered **8+ projects** over nearly two years.
- Promoted to **Front End Lead**.
- Improved development speed and planning processes.

**Technologies:** React, React Native, Next.js, Node.js, TypeScript, Gastby JS, SCSS.

**PLAYA MIA GRAND BEACH PARK** | Full-time

Cozumel, Quintana Roo

**Web Developer / QA Tester**

Jan 2019 – May 2020

**QA Tester (Jan 2019 – Aug 2019):**

- Automated functional and usability testing using **Selenium IDE**.
- Tested **REST APIs** with Postman.

**Web Developer (Aug 2019 – Jun 2020):**

- Built web interfaces using **React, HTML, CSS, and JavaScript**.
- Implemented frontend functionality.
- Performed database migrations using **Laravel**.

**COZUMEL INTERNATIONAL HOSPITAL | Full-time  
IT Support / Web Developer**

Cozumel, Quintana Roo  
Oct 2017 – Jan 2019

Provided IT support and network infrastructure assistance, while also developing the hospital's institutional website.

**Key Achievements:**

- Designed and developed the official website: <https://hospitalcozumel.com/>
- Built using **HTML, CSS, JavaScript, jQuery, and PHP**.
- Deployed on an **Apache** server.
- Supported structured cabling and network infrastructure.

**Skills & Interests [Note: Optional]**

**Technical:**

- **Frontend:** React, React Native, Expo, Next.js, TypeScript, JavaScript, HTML5, CSS3, styled-components, tailwind CSS, Angular(basic/intermediate), Vue(basic/intermediate), CSS Modules,
- **Backend:** REST APIs, Node.js, Laravel, Rust (basic/intermediate), Python, Java, C#(basic).
- **Testing:** Selenium, Postman, Jest.
- **DevOps & Tools:** Git, GitHub Actions, GitLab, AWS, Azure, Kubernetes, Docker.
- **Design:** Figma, Adobe XD, Sketch, Illustrator, Photoshop.

**Language:**

- **Spanish:** Native
- **English:** Professional Intermediate

**Laboratory:**

- **Selenium IDE** (UI automation testing)
- **Postman** (REST API testing)
- **Local Development Labs** (Web & Mobile)
- **Frontend Prototyping Labs** (React / React Native)
- **Mobile Device Labs** (Android Emulator, iOS Simulator, physical devices)
- **Expo Development Lab**
- **API Integration & Auth Testing Labs**
- **UI/UX Prototyping Labs** (Figma, Adobe XD)
- **Performance & Debugging Labs** (Chrome DevTools, React DevTools)

**Interests:**

- Frontend architecture and scalable UI systems
- UI/UX and interface design
- Web and mobile performance optimization
- Cross-platform development (Web & Mobile)
- Artificial Intelligence applied to software development
- Hardware experimentation with **Arduino & IoT projects**
- Learning and experimenting with **new programming languages**
- Automation, testing, and developer productivity tools
- Emerging technologies and modern development ecosystems