

Carlos Gonzalez Mollinedo

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PROFESSIONAL EXPERIENCE

Ozelot Technologies

Cancún, Quintana Roo - Remote

Becario - Desarrollador web

Apr 2025 - Jul 2025

- Improved the reporting system functionality by fixing critical bugs in dynamic tables and adjusting lazy-loading logic.
- Implemented institutional report exports to PDF and Excel in key modules, optimizing administrative processes for re-enrollment, enrollment, and new admissions.
- Fixed visual issues, inconsistent logic, and erratic behavior, resulting in a smoother user experience for administrative staff.

Neaxture

Yucatán, México - Remote

Web Developer – Freelance

Jul 2025 - Dec 2025

- Developed a SaaS POS system for restaurants in Yucatán using the MVC design pattern, implemented with Node.js, Express, and MongoDB.
- Built the frontend with React and Vite, integrating real-time communication through WebSockets to synchronize orders, kitchen statuses, and ticket printing across multiple concurrent users.
- Managed the full deployment on Render using independent containers for the backend, frontend, and auxiliary services, optimizing a reproducible and stable deployment workflow.
- Standardized the development environment with Docker and Docker Compose to facilitate collaboration and internal testing.

IAMIA

Mexico City - Remote

IA Support - Contractor

Jan 2026 - Apr 2026

- Developed an automated QA platform for AI-powered WhatsApp conversational assistants in the healthcare sector, integrating LLM evaluation, RAG pipelines, and operational validation of appointment flows through GoHighLevel integrations.
- Designed the backend architecture with NestJS and Domain-Driven Design principles, orchestrating modules and agents for test generation, conversational execution, and automated evaluation.
- Implemented test case generation, conversation execution, and real-configuration validation workflows to ensure the assistant's functional and operational quality.
- Developed structured and unstructured knowledge processing to support testing scenarios based on each doctor's business context.

SKILLS

Software: PostgreSQL, Typescript, Javascript, CSS, HTML, OpenAI API, NodeJS, NextJS, Cloudflare, Codex, Copilot, ReactJS, RAG

Languages: English – B2, French – C1

Soft Skills: Leadership, adaptability, problem-solving, teamwork, project management, critical thinking, task planning, self-learning, creativity, attention to detail

EDUCACIÓN

Université Paris-Saclay | IUT de Sceaux

Sceaux, Île-de-France

Bachelor's Degree in Administration and Organizational Management, specialization in Entrepreneurship

Graduation Date: Jul 2023

Cégep de St. Félicien

St. Félicien, Québec

Computer Science Technical Program — Exchange Semester

Graduation Date: May 2026

Universidad Tecnológica de Cancún

Cancún, Quintana Roo

Engineering Degree in Software Development and Management

Graduation Date: May 2027