

Patricio Javier Garza Ríos

patricio@garzarios.com | linkedin.com/in/patriciogza | github.com/garzario | garzar.io

EDUCATION & LEADERSHIP

Monterrey Institute of Technology and Higher Education (ITESM)
B.S. in Computer Science
• **International Hackathon Director**, SwiftTec, and **Education Coordinator**, Computer Science Student Society (SEITC), both since Jul. 2026 • **Founding member and Director of Social Responsibility**, AI Club (Feb. – Jun. 2026).

Monterrey, Mexico
Class of 2027

EXPERIENCE

IT Automation & Development Intern, *Danfoss*
Incoming, starts Nov. 9, 2026

CRM Coordinator, Business Intelligence
Banregio
Jun. 2026 – Sep. 2026
San Pedro Garza García, Mexico

Software Engineer Intern
Almacenadora General (AG)
Jul. 2025 – Dec. 2025
Monterrey, Mexico

- Replaced a company-wide paper documentation workflow with an OCR and classification pipeline on OpenAI APIs, **cutting processing time per document from days to under a minute**.
- Modernized legacy WMS/ERP modules into **typed TypeScript and Node.js services with CI and tests**, and designed **5+ production REST APIs** with JWT auth, idempotency and observability.

Software Quality Assurance Analyst Intern
EctoTec
Oct. 2025 – Apr. 2026
San Pedro Garza García, Mexico (Remote)

- Wrote test plans, test cases and QA documentation and ran functional and regression testing on production releases.

Software Engineer Intern
Káapeh México
Sep. 2025 – Dec. 2025
Monterrey, Mexico (Remote)

- Designed and proposed the app's screens in Figma and **shipped them into the production React and React Native code**.

PRODUCTS & HACKATHON AWARDS

SalesTrack | *1st Place, Alestra Challenge – ClaudeTec Hackathon @ ITESM*
• Built a macOS sales copilot with a team of four that goes **from first contact to a priced proposal in one meeting**, not weeks.
• Transcribes on the laptop (mlx-whisper) so audio never leaves it, has Claude Haiku suggest the next question every 25 s and prices every quote in code, never the LLM, from a 45-product catalog, backed by **241 tests and 35 of 35 acceptance criteria**.
Oct. 2026

SentryOne | *1st Place, Capital One Track – HackMTY 2026, Latin America's largest student hackathon*
• Led a four-person team to **first place in the Capital One track** with an engine that runs **six deterministic controls** before an irrevocable SPEI transfer, from the SAT's 14,234-row 69-B blacklist to CLABE forensics and Banxico's CEP.
• **In production during the event** on TypeScript, TimescaleDB and Snowflake with **no language model in the decision**, plus a read-only Gemini assistant and ElevenLabs voice agents, backed by **2,912 tests, 87% precision and 83% recall**.
Sep. 2026

Nostro | *Founder & iOS Lead – couples app live on the App Store*
• Lead a team of three on a privacy-first iOS 26 app with no accounts, built on Swift 6, SwiftUI, Core Data with CloudKit and StoreKit 2, where **4,000+ Swift Testing tests** and manual QA gate every merge in CI/CD.
• **Shipped 1.0 to the App Store in Oct. 2026** after a 150-user TestFlight beta grown through nostroapp.com and Instagram.
Jul. 2026 – Present

Iris | *2nd Place + National Qualifier (CDMX) – Swift Changemakers Hackathon 2026*
• Lead developer of a **100% on-device** app for blind and low-vision users, **judged by Apple engineers**, in open beta on TestFlight.
Apr. 2026

Capital Circles | *3rd Place Overall – Capital One Hackathon @ ITESM*
• Shipped a SwiftUI app **in 12 hours** that turns banking into a shared wellness experience for families, over NeonDB (Postgres).
Apr. 2026

TrolleyOps | *Best Use of Gemini API (MLH) – HackMTY 2025*
• Led a real-time vision system on the Gemini API that detects items added to or removed from airline trolleys **in about 500 ms**.
Oct. 2025

TECHNICAL SKILLS

Languages	Swift, TypeScript, JavaScript, Python, C++, SQL	Spoken	Spanish (native), English (C2), French (A2)
Apple Platforms	SwiftUI, UIKit, Swift Concurrency, Core Data, CloudKit, StoreKit 2, Foundation Models, ARKit, Swift Testing		
AI and ML	Claude Code, Codex, Gemini CLI, OpenClaw, MCP, multi-agent workflows, LLM APIs, Core ML, scikit-learn		
Web and Data	Node.js, Bun, Hono, React, React Native, REST APIs, PostgreSQL, TimescaleDB, Snowflake, Salesforce		
Tools	Git, GitHub Actions, CI/CD, Docker, Vultr, Vercel, GCP, TestFlight, Figma		