

Iván Amaro

Backend Software Engineer · Go · Distributed Systems · Fintech / KYC

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PROFILE

Backend engineer specialized in high-volume distributed systems for fintech. I work on migrating one of Mercado Libre's largest compliance/KYC monoliths (~700K req/min) to a microservices architecture in Go. Focused on reliability, scalability, and clean code, with hands-on experience running critical infrastructure with 24/7 on-call.

EXPERIENCE

Mercado Libre — Fintech (KYC / Compliance)

Dec 2022 – Present

Backend engineer on the team decomposing one of the company's largest compliance/KYC monoliths — ~700K req/min and ~110 developers on a single repository — into microservices in Go.

Software Engineer

Jul 2025 – Present

- Lead the onboarding of teams onto the new architecture, designing migration strategies and data-consistency analyses.
- Team security guardian: 100% application-security compliance and a tier of the internal program reached by only 11 people across the company.
- 24/7 on-call for critical infrastructure; mentor junior engineers and champion the use of agentic AI IDEs across the team.

Back End Developer

Dec 2022 – Jul 2025

- Built the first service on the new microservices architecture, which set the team's development quality standards.
- Reduced 500 errors by 25% through resilience strategies and KYC-engine executions by ~13%; cut potential user impact from failures by 90%.
- 65 PRs and 108 approved reviews across 14 repos in a single quarter; reference and top contributor for an internal rollout-management tool.

MiFinanzas — Fintech

May 2022 – Dec 2022

Full-stack Developer

Uruguayan SME-financing fintech (regulated by the Central Bank): connects businesses that need immediate liquidity with investors who fund those operations.

- Developed product features end-to-end under Agile-Scrum, working directly with the Product Owner.
- Applied Clean Code practices under the mentorship of a senior developer (11+ years) in .NET and Angular.
- Stack: .NET Core, C#, Angular, TypeScript, Node.js, MySQL, Entity Framework.

HSBC — Digital Branch Area

Nov 2019 – Mar 2020

Operational role prior to my transition into software development.

- Accelerated a corporate client's migration to the bank, handling the opening of 18+ new accounts per day.

TECHNICAL SKILLS

Languages & core: Go, Java, SQL

Architecture: Microservices, Distributed Systems, System Design, REST APIs, GraphQL, Scalability, Resilience

Practices: Clean Code, Testing, 24/7 On-call, Application Security, CI/CD, Agile-Scrum

Tools: Git, Jenkins, Postman

EDUCATION

Facultad de Ingeniería — Universidad de la República (UdelAR)

2020 – 2026

Bachelor's in Computer Science (in progress)

Relevant coursework: data structures & algorithms, operating systems, networks, databases, concurrent programming.

CERTIFICATIONS & LANGUAGES

Certificate of Proficiency in English (C2) — Cambridge · 2018

Languages: Spanish (native) · English (C2) · Portuguese (intermediate)