

Miguel Cortés

Software Technical Leader · KYC / KYB compliance platforms

Mercado Libre · Bogotá, Colombia

Highlights

- 13 years building software, from biometric POS systems to fintech platforms.
- Lead two teams (~15 people) at Mercado Libre on business onboarding: Company Structure and Company Compliance.
- KYC and KYB across Argentina, Brazil, Mexico, Chile, Colombia and Uruguay, including regulatory rollouts for central banks and tax authorities.
- Cut the KYC contact rate by 77.6% and cache costs by about 50% in Q1 2024.
- Design AI-augmented engineering: multi-agent code review and spec-driven workflows on Claude Code.

Experience

Software Technical Leader
Jun 2022 – Present

Mercado Libre

- Lead the UA Sellers teams (User Accounts) for business onboarding. Owner of the Feature Owner architecture across five services.
- Delivered the BACEN regulatory reprocessing: 96% of 13,865 records processed successfully.
- Built the UA Sellers observability standard (metrics, monitors, dead-letter alerts) and an official gazettes pipeline with Gemini.
- Release owner for the KYC engine and middle-end (2023-2025): canary and blue-green deployments with rollback.

Senior Software Engineer
Sep 2021 – Jun 2022

EPAM Systems · Amwell (telemedicine, Boston)

- Owned the CMS proxy, webhook and client used by every micro-frontend; onboarded healthcare providers on a multi-tenant platform.

Software Engineer → Senior Software Engineer
Sep 2020 – Sep 2021

Mercado Libre

- KYC microservices for regulation and anti-money laundering in Colombia, Brazil, Chile and Mexico; official bureau integrations in Argentina.

Senior Software Engineer
Nov 2016 – Sep 2020

Hoteles Decameron

- Migrated the hotel reservation system from a monolith to microservices, with Apache Camel integrations.

Software Engineer
Nov 2013 – Sep 2016

Gear Electric

- Biometric authentication POS system for Colombian notaries.

Skills

Languages

Go, Java, JavaScript / TypeScript, PHP, Python, SQL

Cloud and data

AWS (EKS, DynamoDB, Aurora, SQS, SNS), GCP, BigQuery, MySQL, PostgreSQL, MongoDB

Reliability

Datadog, Opsgenie, circuit breakers, canary and blue-green releases, chaos engineering

Architecture

Hexagonal architecture, microservices, enterprise integration (Apache Camel), API design, RFCs and ADRs

AI tooling

Claude Code (agents, skills, MCP), spec-driven development, Gemini, GitHub Copilot

Frameworks

Spring Boot, NestJS, React, Next.js, Angular, Vue, Laravel

Leadership

Two teams, release management, security guardian, mentoring, Scrum

Contact

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