

# Icaro Salgado

Senior Software Engineer | Backend | Java | Spring | Python

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## SUMMARY

Senior software engineer with five years of backend development experience, currently on the Shopping Cart team at Mercado Libre (NASDAQ: MELI), a system handling over **1 million requests per minute**. Led the migration of the cart backend to a new platform shared across business areas. Previously, on Mercado Pago's Growth team, took part in the microservices migration that reduced the latency of the most critical endpoint from **350 ms to 20 ms**. Experienced in Java, Spring, Python, AWS and GCP.

## SKILLS

**Languages & frameworks:** Java, Python, SQL, Spring, Spring Boot, Django, Django REST Framework  
**Data stores & caching:** MySQL, PostgreSQL, DynamoDB, Redis, Memcached, Google BigQuery  
**Cloud & messaging:** AWS (SQS, SNS), GCP, Docker  
**Observability:** Datadog, New Relic, Grafana, OpenTelemetry  
**Testing & delivery:** JUnit, Mockito, pytest, load testing, CI/CD  
**Operations:** On-call rotation (guardia), incident response, postmortems  
**Architecture & performance:** Microservices, distributed systems, REST APIs, caching, async/parallel I/O, autoscaling, resilience patterns, latency optimization (p95/p99)  
**Data:** Predictive modeling, SaaS metrics (churn, cohort, MRR, ARR, LTV)  
**AI tooling:** Claude Code, Codex

## PROFESSIONAL EXPERIENCE

**Senior Software Engineer** | Mercado Libre (NASDAQ: MELI) Mar 2026 – Present | São Paulo, Brazil

- Technical lead for the migration of the **Shopping Cart** backend to a new platform shared across business areas, started while still a Software Engineer.
- Contributed to adopting native rendering on the frontend and to splitting the infrastructure by country.
- Write design docs, drive technical decisions with other teams, and support engineers on the team.

**Software Engineer** | Mercado Libre Mar 2024 – Mar 2026 | São Paulo, Brazil

- Developed features and stability improvements for the core Shopping Cart services, a system handling over **1 million requests per minute**.
- Built customer reactivation and purchase-incentive features that increased company and team **GMV** (figures confidential).
- Took part in a reliability overhaul of the cart, focused on availability, response time and error handling.

**Software Developer** | Mercado Libre · Mercado Pago (Growth) Mar 2022 – Mar 2024 | Remote

- Took part in migrating a monolithic system to **microservices**, including optimizing the most critical endpoint with caching, parallel calls and data-model changes, which reduced its average response time from **350 ms to 20 ms**.
- Helped prepare the service to handle **three times the requests per minute** through load testing, configuration tuning, autoscaling and resilience patterns, which allowed the feature to expand to other areas of the app.
- Took part in building a backoffice system that automated previously manual tasks and gave product and business teams autonomy.

**Software Developer** | Naia Capital Apr 2021 – Mar 2022 | Remote

- Developed internal software in **Python, Django and Django REST Framework** to calculate financial metrics for SaaS companies, such as churn, cohort, MRR, ARR and LTV.

**Data Science Intern** | ETAPA Educacional Oct 2020 – Apr 2021 | São Paulo, Brazil

- Developed a predictive model of enrollment probability for scholarship-exam candidates across discount tiers, used to shape the sales strategy.

## EDUCATION

**B.Eng. in Computer Engineering (in progress)** | Univesp Expected early 2027

**B.Sc. in Information Technology (earned en route to Computer Engineering)** | Univesp 2022 – 2025

**Materials Engineering coursework (not completed)** | UNESP 2018 – 2022

## LANGUAGES

Portuguese (Native) | English (Full Professional Proficiency) | Spanish (Full Professional Proficiency)