

# Pedro Sousa Soares de Melo

Software Engineer · .NET Backend & Distributed Systems

pedrossdemelo@gmail.com +34 627 45 34 00 Barcelona, Spain [linkedin.com/in/pedrossdemelo](https://www.linkedin.com/in/pedrossdemelo)

[github.com/pedrossdemelo](https://github.com/pedrossdemelo)

Work authorization: Spain (NIE & Spanish Social Security registered) · No sponsorship required

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## PROFESSIONAL SUMMARY

Backend engineer with 4 years at XP Inc., Latin America's biggest retail investment platform. Mostly a **.NET (C#)** developer, working on Backend-for-Frontend (BFF) architectures, distributed systems, and Azure infrastructure, on goal-based investing products behind **R\$1B+** in client allocation. Trusted by leadership to run initiatives end-to-end, from architecture through deployment, and often beyond the role's scope.

## CORE SKILLS

**Languages & Frameworks:** C# / .NET · Dart / Flutter · TypeScript / React · Microsoft SQL Server · Dapper · RabbitMQ

**Architecture & Backend:** BFF design · microservices · event-driven messaging · concurrency control · scalable & reusable architectures · API design · query optimization · caching

**Cloud & DevOps:** Microsoft Azure · Docker · Kubernetes · CI/CD pipelines · deployments · infrastructure management

**Observability & Quality:** Datadog · Dynatrace · monitoring (metrics, logs, alerts) · automated testing & coverage

**Mobile, Frontend & More:** Flutter · React · design systems · full-stack delivery · AI-assisted development

## EXPERIENCE

### XP Inc.

São Paulo, Brazil · Remote

#### Software Engineer II

Aug 2024 - Present

- Built the **.NET (C#) Backend-for-Frontend (BFF)** behind **My Goals** in XP's advisor platform, where advisors set up tailored investment goals (retirement, home, car) for their clients, and contributed to its **TypeScript/React** frontend.
- Designed and shipped a **BFF that unified goal-setting with portfolio management** in the retail client apps, letting clients open new goals without redeeming existing positions; reused an existing foundation to **cut delivery time sharply**.
- Worked on recommendation features driving **R\$1B+** in client allocation (**~10% over target**) and **R\$4B+** in assets under custody; **My Goals** alone reached **tens of thousands** of active clients (**hundreds of millions** in allocation in 2025) and won the **IF Design Award 2026**.
- Led a **central source-of-truth service for the company's strategic products** (Produto Foco) that other internal services consume; built its configuration UI, where sales teams upload a spreadsheet to manage focus products, and used a **semaphore** to cap concurrent HTTP calls and keep the background worker from overloading; the service has held **>99.9% uptime** since launch.
- Helped build a **recurring-investment service** that lets clients schedule **automatic contributions toward their goals**; it now processes **hundreds of thousands of R\$** monthly and consumes investment and withdrawal events off a **RabbitMQ** bus to keep each goal's status current.
- Raised automated test coverage from **30% to 80%** across all **My Goals** repositories, writing unit, integration, functional, and mutation tests to catch regressions earlier.

#### Software Engineer I

Aug 2022 - Aug 2024

- Helped build the **first version of My Goals (Meus Objetivos)**, the goal-based investing product that became central to XP's digital retail strategy and brought **Flutter** into the company's mobile stack.
- Built core app flows including **notification history, order tracking, and digital signature**.
- Created foundational **design-system** components reused by other teams across the app.

## LANGUAGES

English: Native / Bilingual (CAE C2) · Portuguese: Native / Bilingual · Spanish: Full Professional Proficiency (DELE B2)

## EDUCATION

Centro Federal de Educação Tecnológica de Minas Gerais (CEFET-MG)

2018 - 2021