

Willian Pinheiro

Mid-Level Software Engineer

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About

Backend software developer with 3 years of experience, currently focused on high-scalability systems. Enjoys understanding the business processes behind the systems he builds, not just the technology, aiming to propose solutions together with the teams that improve the company's operation as a whole.

Education

Mar 2020 – May 2025 **University of São Paulo (USP)**, BS in Information Systems

Experience

Feb 2025 – present **Software Developer**, Mercado Livre

- Maintenance and evolution of the Warehouse Management System, working on the optimization of picking routes across more than 100 distribution centers
- Systems that support millions of daily requests, maintaining high availability in a critical operation environment
- Proposed and implemented observability tools to identify data inconsistencies between synchronized databases and monitor delays in critical processing flows

Feb 2024 – Feb 2025 **Systems Analyst**, Círculo Militar de São Paulo

- Collaborated on the development of the club's space booking system (courts, beauty salon, gyms) in C# and SQL Server, for internal and external use
- Integration with a third-party turnstile access control system to monitor entry of members and employees
- Independently developed the package management system, allowing front-desk registration and later pickup by members and employees

Projects

willpinha.github.io

Personal website in Go that consumes the GitHub GraphQL API to showcase open source contributions

- Static site generation from GitHub GraphQL API data
- Automated tests and CI/CD pipeline for build and deploy

Skills

Languages: Go, Java, C#, PHP, Python, TypeScript, SQL

Databases: MySQL, SQL Server, PostgreSQL

Infrastructure: Docker, Kubernetes, Fury (Mercado Livre's IDP), messaging (queue/pub-sub), object storage

Observability: Grafana, Datadog, ClickHouse

Spoken Languages: Portuguese (native), English (intermediate)