

Marcos Junior Bueno Selzler

Brazil (GMT-3)
📞 (43) 98843-1018
✉️ h0wzymarcos@gmail.com
💼 howzysolutions@gmail.com (business)
🌐 marcosh0wzy
🔗 H0wZy
🔗 howzysolutions.com

SOFTWARE ENGINEER | BACKEND & FULL STACK

Software Engineer focused on backend with Java/JSF and .NET/Golang, most recently at TCS on the Copel account. Two-time TCS AI Friday champion for solutions built with LLMs and predictive models. Experienced in modernizing legacy systems to the cloud (GCP/AWS) and building REST APIs with Clean Code, SOLID and testing.

Professional Experience

Tata Consultancy Services | Copel
Software Engineer

📅 05/2025 – 08/2026
Londrina - PR

- Developed and maintained Java 8 / JSF applications on WildFly/JBoss servers.
- Optimized critical SQL queries, improving performance and stability.
- Migrated applications from JBoss 7 to WildFly 23.
- Modernized on-premise legacy systems to GCP, with integrations via Denodo.
- Built backend services in Golang.
- Worked across cloud environments (GCP and AWS).

Tata Consultancy Services | Bootcamp 2x2y
Bootcamper Software Engineer

📅 05/2025 – 11/2025
Londrina - PR

- Intensive full-stack software engineering training at TCS.
- Built hands-on projects applying layered architecture and Clean Code.

Awards & Highlights

Two-time TCS AI Friday Champion
Pipeverse Project

05/2026
🔗 LinkedIn

- Predictive system to estimate the probability of failure in AI projects (data quality, problem definition, adoption and monitoring).

TCS AI Friday Champion
Energy Saver Project

02/2026
🔗 LinkedIn

- LLM-based solution for energy-consumption analysis from CSV data: anomaly detection and automated recommendations to reduce waste.

Skills

- **Tech Stack:** .NET, C#, Golang, Java, Spring Boot, React, Next.js, TypeScript, SQL/NoSQL, Docker
- **Cloud & DevOps:** GCP (Cloud Run, Cloud SQL, GCS), AWS, Terraform (IaC), Docker, CI/CD, Git/GitHub
- **AI & LLMs:** data analysis with LLMs, predictive models, prompt engineering
- **Concepts:** Clean Code, SOLID, DDD, OOP, REST APIs, Observability, Unit Testing (xUnit, Moq)
- **Languages:** English (Intermediate), Portuguese (Native)

Projects

Telas Paraná — Institutional Website

🔗 Live | [previous site](#)

- Full-stack redesign of the company's institutional website, replacing the legacy site.
- React / Next.js front-end and two .NET/C# microservices (Users.Api, Leads.Api), all deployed on GCP Cloud Run.
- Cloud SQL database, Cloud Storage (GCS) for media, and infrastructure provisioned as code with Terraform.

C# User API

🔗 GitHub

- REST API in C#/NET with Entity Framework and PostgreSQL, layered architecture and user CRUD.
- JWT authentication, authorization control and test coverage with xUnit and Moq.

Golang User API

 [GitHub](#)

- REST API in Golang with Gin and Gorm: user CRUD, authentication and authorization.
- Backend structured with a focus on performance and code organization.

Web EasyDonate

 [GitHub](#)

- Donation marketplace in .NET with PostgreSQL, oriented to circular economy and scalability.

Education

Technologist in Systems Analysis and Development

Unicesumar

2025

Londrina - PR

Certifications

Foundational C# with Microsoft

.NET and C# fundamentals

06/2025

 [freeCodeCamp](#)

- C# syntax and control structures, OOP, collections, exception handling and .NET best practices.