

Guionardo Furlan

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Skills

- GoLang, Python (Django, FastAPI, scripting), C#
- Cloud & DevOps (MS Azure, GCP), System Design, Microservices, APIs, Docker, Linux
- MySQL, MariaDB, PostgreSQL, SQL Server, SQLite, Oracle
- Unit Testing & Integration Testing (TDD), Docker, Kubernetes, Bash, JavaScript, PHP, Virtualization, IoT (Raspberry Pi/Arduino), AI-assisted development
- Languages: Portuguese (native), English (intermediate level)

Experience

Senior Software Engineer WK Sistemas Blumenau, BR (On-site/hybrid) 11/2025 – 08/2026

WK Sistemas provides enterprise ERP and management solutions for businesses.

- Worked on the platform project designed as the foundation for the AI flow across WK's ERP software.
- Developed robust APIs and background workers to integrate internal ERP data with third-party and external services.
- Built core software components and packages that form the company's official SDK, providing the foundation for constructing new applications.

Tech Stack: GoLang, .NET / C#, MS Azure, APIs, AI agents (Cursor/Claude).

Senior Software Engineer Mercado Livre Florianópolis, BR (Remote/hybrid) 08/2024 – 09/2025

Mercado Livre is the leading e-commerce and fintech ecosystem in Latin America.

- On the FBM-Fiscal team, developed applications in GoLang and Java for invoice orchestration, optimizing full-fillment logistics across regional platforms in Brazil, Chile, and Peru.
- Enhanced team development efficiency by building custom mock libraries and specialized routing mechanisms.
- Strengthened overall platform security by proactively handling and mitigating code vulnerabilities.
- Contributed to technology updates and internal knowledge sharing, ensuring the team remained aligned with modern industry best practices.

Tech Stack: GoLang, Java, Microservices, System Design, REST APIs..

Senior Software Engineer Levva Campinas, BR (Remote) 01/2024 – 08/2024

Levva is a software development consultancy focused on tailored digital solutions.

- Engineered contingency and data consolidation mechanisms for fintech platform *Jeitto.com.br*, guaranteeing high data integrity and service availability.
- Optimized financial collection processes, significantly reducing manual intervention and increasing operational performance.
- Handled integrations across back-office operations, core-banking platforms, and internal services, streamlining data flow between systems.

Tech Stack: Python (Flask, scripting, Apache Airflow), Google Cloud.

Senior Software Engineer AmbevTech Blumenau, BR (On-site/hybrid) 08/2019 – 01/2024

AmbevTech is the technology hub for AB InBev / Ambev, focusing on digital transformation and logistics.

- Developed microservices and APIs using Python and C# to extract, transform, and stream legacy ERP data into modern platform environments. These case became a reference for the company's transition from monolithic systems to microservices architecture and was presented at Python conferences.
- Built custom Command Line Interface (CLI) tools that streamlined internal engineering workflows.
- Conducted internal C# training sessions for COBOL developers, leading the technical transition of engineers into modern stacks.
- Collaborated on project management and build/deployment automation within MS Azure.

Tech Stack: Python (Flask, FastAPI, pure Python), C# (core), MS Azure, Microservices, CLI, Docker, SQL Server, PostgreSQL.

Software Developer **Philips** *Blumenau, BR (On-site)* **03/2019 – 08/2019**

Philips Healthcare delivers clinical and administrative health management software (Tasy).

- Performed maintenance and feature development for the Healthcare Operators (ODS) module within the Tasy software suite.
- This work involved addressing client requests, implementing new functionalities, and fixing bugs to ensure the system's continuity and improvement.

Tech Stack: Oracle PL/SQL, Java, JavaScript, Delphi.

Software Developer **Time Informatica** *Blumenau, BR (On-site)* **09/2012 – 03/2019**

Time Informática provides commercial enterprise ERP systems and operational desktop tools.

- Developed and maintained commercial ERP systems, satellite tax applications (PAF-ECF), and client operational software.
- Implemented and managed application servers to ensure operational stability and scalability.
- Created automated internal tooling, including licensing servers and application telemetry, optimizing technical support and monitoring workflows.

Tech Stack: Visual FoxPro, Lazarus/FPC, PHP, Python, Linux Server Automation, MySQL/MariaDB.

Projects

Escoteirando

GitHub

- Escoteirando Suite is a unified digital platform for the Brazilian Scout Association (UEB) that brings together the everyday tools scout leaders and families need to run their groups — in one coordinated ecosystem. Instead of a pile of disconnected apps, it offers a single, consistent experience where every product speaks the same language and shares the same login, so a scout leader moves seamlessly between managing their troop, planning activities, and tracking progress without relearning a new system each time.

This is a work-in-progress.

Education

- Postgraduate Degree in Data Science & Big Data Analytics – Faculdade Metropolitana (2020)
- Bachelor's Degree in Software Engineering – UniCesumar (2016 – 2020)
- Bachelor's Degree in Physical Therapy – FURB (1997 – 2001)

Certifications

- **Ultimate Go Programming** – O'Reilly (Bill Kennedy)
- **Software Architecture Fundamentals** – [Desenvolvedor.io](https://desenvolvedor.io)
- **Python: Advanced Design Patterns** – LinkedIn Learning
- **Software Architecture: Patterns for Developers** – LinkedIn Learning
- **Software Architecture: Breaking a Monolith into Microservices** – LinkedIn Learning

Volunteering & Community

- **Scout Leader (GE Leões de Blumenau)** (2018 – Present): Team management, leadership development, social skills fostering, and youth activity planning.
- **Speaker / Instructor:** Delivered C# training for legacy teams (AmbevTech, 2023), Python courses (Uniasselvi, 2022), and Python Sul conference speaker on "Data Extraction from Monoliths to Microservices" (2022).