

LEONARDO GIRALDI

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SUMMARY

Software Engineer and Tech Lead with 8+ years of experience building scalable, resilient and well-architected applications, with a strong track record in Data Engineering (Data Mesh, Databricks, ETL) and governed AI platforms (LLMs/agents). Steady growth at B3 (Junior → Tech Lead), leading high-performing squads with a focus on Clean Architecture, observability and business value.

PROFESSIONAL EXPERIENCE

B3 — Brasil, Bolsa, Balcão (Brazilian Stock Exchange)

São Paulo, Brazil

Tech Lead (Technology Consultant)

Mar. 2026 – Present

- Lead an 8-engineer squad responsible for the governed enterprise AI-agent platform of the Infrastructure, Innovation & Operations division — 10 agents in production used daily by ~400 employees — establishing end-to-end governance (security/PII guardrails, LLM cost control, model catalog and auditability) that enabled AI at enterprise scale.
- Led the implementation and operation of the Infra & Operations Data Mesh on Databricks, structuring ~10 batch ETL pipelines and ~50 tables in a medallion architecture (bronze/silver/gold) that now serve as the single source of truth for the entire division, eliminating silos and ungoverned ETLs.
- Reduced infrastructure cost tied to hardware/software obsolescence by consolidating previously scattered access (e.g., direct integrations to the ITSM API) into a governed, standardized data layer.
- Delivered high-value data products (~10 dashboards and ~20 Genie spaces) for operations and production-support teams, expanding the analytical autonomy of non-technical areas.
- Act as a technical reference and multiplier of best practices (Clean Architecture, TDD, observability), connecting engineering decisions to business value.

B3 — Brasil, Bolsa, Balcão (Brazilian Stock Exchange)

São Paulo, Brazil

Senior Software Engineer

Oct. 2023 – Mar. 2026

- Led the technical development of the Centralized IT Operations Platform, adopted by 50+ squads, turning infrastructure services into a consumable product and reducing the operational friction of those teams.
- Architected microservice-oriented systems with Clean Architecture and TDD, prioritizing maintainability, reuse and integration through APIs consumed by mission-critical applications.
- Built AI agents with LLMs that automated executive reporting, turning data from critical systems into actionable insights for business areas, with results recognized by the board and vice-presidency.
- Implemented CI/CD pipelines (GitHub Actions) and managed the automation infrastructure via AWX, increasing delivery frequency and reliability.

B3 — Brasil, Bolsa, Balcão (Brazilian Stock Exchange)

São Paulo, Brazil

Mid-Level Software Engineer

Aug. 2021 – Oct. 2023

- Designed and evolved internal systems focused on infrastructure reliability and scalability, creating reusable components and APIs consumed by mission-critical applications.
- Developed automations and custom modules with Ansible and Python, applying modularization and versioning principles and delivering solutions with automated test coverage.
- Served as a technical reference within the operations-automation team, promoting best practices (code review, pair programming) and the standardization of software instrumentation with OpenTelemetry from the design stage.

B3 — Brasil, Bolsa, Balcão (Brazilian Stock Exchange)

São Paulo, Brazil

Junior Software Engineer

Oct. 2020 – Aug. 2021

- Developed internal applications and reusable modules focused on production and support teams, using React, TypeScript and Node.js.
- Contributed to founding B3's automation framework (repository structure, project architecture and playbook standardization) and to InnerSource initiatives, strengthening the collaborative engineering culture.

- Built dashboards with Splunk and integrations with tools such as Dynatrace and Zabbix, applying readability, reusability and decoupling principles.

Digte

São Paulo, Brazil

Junior Software Engineer

Apr. 2020 – Oct. 2020

- Designed scalable components and processes on the TOTVS Fluig platform and led the architecture of integrations with TOTVS systems (Protheus and RM) and external services such as DocuSign, ensuring interoperability and easy maintainability.
- Took part in the technical management of intranet rollout projects, defining timelines, technical scope and rollout strategies.

Digte

São Paulo, Brazil

Frontend Developer (Internship)

Feb. 2018 – Apr. 2020

- Developed frontend interfaces and components for the TOTVS Fluig platform and automated business processes with BPMN, contributing to digitizing manual workflows for enterprise clients.
- Delivered 5+ corporate intranet projects, collaborating on architecture definition and module integration.

EDUCATION

FIAP

São Paulo, Brazil

Postgraduate Lato Sensu — Tech Management

Mar. 2025 – Mar. 2026

- Led the executive presentations for every phase of the Tech Challenge, FIAP's hands-on program focused on innovation and digital-product management.
- Delivered, as part of a team, a complete solution for the new-employee onboarding challenge, with a user-centered approach.

University of São Paulo (USP)

São Paulo, Brazil

Bachelor of Information Systems

Jan. 2017 – Dec. 2020

- Programming-lab teaching assistant, helping students apply software-development fundamentals in practice.
- Actively took part in extension groups and academic events focused on technology and innovation.

ETEC Albert Einstein

São Paulo, Brazil

Technical Degree in Systems Development

Jan. 2014 – Jun. 2015

- Capstone project: a web-based event-management system designed to meet the operational needs of agencies in the sector.

SKILLS

Leadership & Practices: Technical Leadership, Mentoring, Clean Architecture, TDD, Code Review, Agile Practices, Observability (OpenTelemetry)

Data & AI: Data Mesh, Databricks, ETL, Medallion Architecture, LLMs / AI Agents, Governed AI, SQL

Engineering: TypeScript/JavaScript, Node.js, React, Java, Python, APIs/Microservices

DevOps: CI/CD (GitHub Actions), Ansible, AWX, Git

PROJECTS

Make My Memory

Feb. 2025 – Present

SaaS for creating and sharing digital memories

- Conceived, architected and fully developed the platform as a SaaS product, using React, Java and PostgreSQL.
- Launched and operated independently, with 500+ events held across Brazil, driving strong engagement and positive feedback on usability and performance.