

SILVIO MONTEIRO

AI Automation & Solutions Engineer

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SUMMARY

I turn manual processes into automated systems. I start by listening: I learn how the business actually runs, map where time and money are being lost, and prioritize with the client what pays off first. Then I design the solution, build it, deliver it, and stay alongside the client to maintain and evolve it. In practice: moving operations off spreadsheets into a cloud system, generating reports that build themselves, and putting AI to work answering, classifying, and executing tasks that used to depend on someone. I have been doing this since 2014, when I started programming automations, and spent eight years in data engineering and data platforms at companies like Itaú, Porto Seguro, Dell, and Bosch. Today I bring that background to work as an independent professional, building tailored solutions, not generic tools, for companies ready to modernize.

SKILLS

Process & Business: requirements gathering, process mapping, solution design, digital transformation, client communication

Automation & AI: process automation, AI agents, agentic workflows, LLMs (Claude API), n8n, Make

Data & Reporting: SQL, PostgreSQL, Supabase, data modeling, ETL, automated reports and dashboards, Tableau

Development: Python, TypeScript, Node.js, React, REST APIs, C#, Claude Code, Cursor, Codex

Infrastructure & Security: Linux VPS (AWS Lightsail), Git/GitHub, 2FA authentication, access control (RLS), LGPD compliance

EXPERIENCE

AI Automation & Solutions Engineer — Independent (remote) May 2026 – Present

Tailored projects with defined scope and delivery for companies looking to automate and modernize their operations.

- Own the work end to end: process diagnosis, pain-point prioritization, proposal, build, delivery, and ongoing maintenance.
- Replace spreadsheets and repetitive tasks with web systems backed by a database, business rules, and role-based access.
- Build AI workflows that classify information and cut manual work: deterministic rules first, AI only where rules can't decide, keeping costs predictable and results auditable.
- Integrate third-party systems (electronic invoicing, payments) with failure handling and reprocessing.
- Build long-term relationships: the client I have served since 2024 came back for the product's next phase, now with AI.

LowCode Agency (US, remote) — Full Stack Developer Oct 2025 – Apr 2026

- As one of two developers, built a personal finance platform from scratch for a US client, delivered in ~6 months instead of the 12 estimated, at ~60% of the projected staffing budget.
- Owned the data model (20+ tables, 300+ columns) and built the financing projection and installment-to-income engines.

Corporate background 2014 – 2026

Twelve years at large enterprises across development, data, and platform operations, where I learned to move projects forward through process, governance, SLAs, and many stakeholders. I have been automating since year one: at T-Systems, an SAP-driven report that took about 5 days went down to 10 minutes.

Bosch — Data Analyst (Tableau Platform Administrator) Apr 2022 – Feb 2026

Dell Technologies — Business Intelligence Advisor Dec 2021 – Mar 2022

Porto Seguro — BI Developer Aug 2019 – Dec 2021

Itaú — Software Developer, Credit & Guarantees ETL Mar 2018 – Jul 2019

T-Systems do Brasil — Systems Analyst (started as an intern) Mar 2014 – Feb 2018

REFERENCE PROJECTS

Vistoriador Online · vistoriadoronline.com.br — B2C vehicle inspection report platform I built in 2024, with electronic invoicing and payment integrations and over 63,000 reports sold. Now leading its migration to code, with new admin, customer, and affiliate portals.

Lead Engine — Python automation that finds automotive businesses in Brazil's Federal Revenue open data, replacing manual prospecting. Zero to production in 5 weeks, ~50,000 verified businesses, three-tier classification (industry codes, rules, then AI for ambiguous cases), and 2FA-protected access.

EDUCATION & LANGUAGES

MBA in Information Technology Management — Fundação Getulio Vargas (FGV), 2016–2018

Technology Degree in Systems Analysis and Development — Faculdade Engenheiro Salvador Arena, 2013–2015

Languages: Portuguese (native) · English (full professional proficiency)