

SILVIO RODRIGUEZ MONTEIRO

AI Engineering Lead | Agentic Workflows · Enterprise Systems · AI-Assisted Development

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PROFESSIONAL SUMMARY

AI-driven software engineer with 10+ years across software engineering, enterprise data platforms, and automation, now focused on applying AI-assisted engineering and LLM-based workflows to real product and engineering delivery. Hands-on with foundation models (Claude, GPT, open-source LLMs), agentic workflows, RAG, tool/function calling, and Model Context Protocol (MCP), embedding AI-assisted development (Claude Code, Cursor, Codex) into day-to-day delivery to reach ~5x velocity through spec-driven engineering. Operated inside a European enterprise environment at Bosch, administering business-critical BI platforms with strong emphasis on governance, reliability, platform operations, and stakeholder enablement. Combines systems thinking with full-stack delivery (Supabase, PostgreSQL, Node.js, React, APIs) and a record of shipping real products end to end — founder of a marketplace launched on iOS and Android, and senior developer on a production fintech MVP. Strongest at translating real engineering and product problems into practical AI-assisted workflows, reliable systems, and maintainable delivery practices.

CORE SKILLS

AI Engineering & Agentic Workflows: Foundation Models (Claude, GPT, Open-Source LLMs), LLM Integration, Agentic Workflows, Multi-Agent Orchestration, RAG (Retrieval-Augmented Generation), Tool Use / Function Calling, Model Context Protocol (MCP), Prompt & Context Engineering, Guardrails, AI-Assisted Development (Claude Code, Cursor, Codex), Rapid Prototyping

Software Engineering & Full-Stack Systems: TypeScript, JavaScript, Node.js, React, Next.js, C#, PHP, SQL, REST APIs, API Integration & Automation, Database Architecture, Data Modeling, Supabase, PostgreSQL

Enterprise Platforms, Data & Automation: Enterprise BI Platform Administration, Tableau (Server, Cloud, TSM), Power BI, Looker Studio, ETL (SSIS), Google Cloud Platform (GCP), Data Pipelines, Process Automation, SAP Interface Data Integration

Delivery, Governance & Engineering Practices: Spec-Driven Development (SDD), CI/CD, Systems Thinking, Reliability & Platform Operations, Governance & Standards, Incident / Support Handling, 0-to-1 Product Delivery, Agile / Scrum

Product, Collaboration & Stakeholder Enablement: Product Strategy, Technical Ownership, Cross-Functional Collaboration, Stakeholder Communication & Enablement, Client-Facing Delivery, Data Storytelling

PROFESSIONAL EXPERIENCE

OAUTOVERSO — São Paulo, Brazil

Sep 2022 – Present

Founder & AI Engineering Lead

- Own the end-to-end technical architecture of an automotive services marketplace launched on iOS (App Store) and Android (Google Play); onboarded the first 60 users and 20 providers across 4 service categories and processed the platform's first 20 bookings.
- Re-architected the platform from a low-code backend to a production stack on Supabase, PostgreSQL, Node.js, and React — migrating authentication and the full data layer, cutting infrastructure cost by ~70% (USD 80 → USD 25/month) and improving response speed by ~50%.
- Designed and shipped core marketplace capabilities end to end — service discovery, provider onboarding, scheduling flows, and operational backend automations via API integration.
- Embedded AI-assisted, spec-driven engineering workflows (Claude Code, Cursor, Codex) into daily delivery, reaching ~5x development velocity — e.g., generating responsive desktop and mobile UI in a single pass instead of building each layout manually.
- Building production AI-enabled features on the new architecture using LLM integration, agentic workflows, and API automation — demonstrating how AI-assisted engineering moves from prototype into real, operating product workflows.

LowCode Agency — United States (Remote)

Nov 2025 – Apr 2026

Senior Developer — 0-to-1 Fintech MVP (Bubble + Supabase)

- Delivered a production-ready personal finance platform for a US client in a 2-developer team — an MVP scoped at ~12 months, shipped in ~6 months at ~60% of the projected staffing budget.
- Took technical ownership of the core Supabase/PostgreSQL data architecture as the project's first delivery, designing a 20+ table, 300+ column schema supporting core business logic and financial data management.
- Built 8+ application screens and ~30 features, including cross-referenced financial calculation engines (financing projections, installment-to-income impact) powering decision-support dashboards on personal financial health.
- Partnered directly with the client in a cross-functional setup, applying systems thinking to translate financial requirements into reliable, maintainable data models and application logic.

Bosch — São Paulo, Brazil

Apr 2022 – Feb 2026

Data Analyst — Enterprise BI Platform Administration (Tableau)

- Administered business-critical enterprise Tableau Server, Cloud, and Mobile environments within Bosch's global / European-connected enterprise ecosystem — leading 4 full Tableau Services Manager (TSM) installations and 100+ maintenance operations (Windows Server updates, certificate renewals, application recovery) with a focus on reliability and platform operations.
- Owned governance and support operations, resolving ~30 tickets/month within a 3-day SLA across platform access, performance, governance, and best practices for internal business and technical stakeholders.
- Drove stakeholder enablement by rebuilding and activating the internal data community supporting ~8,000 users, and presented hands-on platform capabilities to ~40 attendees at Bosch's largest annual data event in Stuttgart, Germany.

Dell Technologies — Brazil

Dec 2021 – Mar 2022

Business Intelligence Advisor

- Maintained and enhanced executive KPI dashboards, contributing to ~20% improvement across dashboard performance, data quality, and reporting efficiency through data refinement and governance practices.

Porto Seguro — São Paulo, Brazil

Aug 2019 – Dec 2021

Database & BI Developer

- Built and maintained 6 production dashboards (Tableau, Power BI, Looker Studio) for insurance product analytics (customer inflow/outflow by product), used by ~20 executives for decisions on product growth, decline, and customer behavior.
- Structured and prepared datasets from relational SQL databases and Google Cloud Platform (GCP) sources for executive reporting and historical product analysis.

Itaú — São Paulo, Brazil

Mar 2018 – Jul 2019

Software Developer — Credit & Guarantees (ETL)

- Developed and optimized ETL pipelines with Microsoft SQL Server Integration Services (SSIS), increasing data loading and transfer speed by ~50% through bottleneck reduction and improved transformation logic.
- Improved pre-movement data cleansing and validation quality by ~70%, increasing consistency of data moving across internal banking systems.

T-Systems do Brasil — São Bernardo do Campo, Brazil

Mar 2014 – Feb 2018

System Analyst (started as Development Intern)

- Built a C# automation that integrated SAP interface data and auto-generated executive PowerPoint reports, reducing a manual process from ~5 days to 10 minutes.
- Developed a PHP/C# data center dashboard visualizing switch port capacity (available vs. occupied), cutting manual analysis time by up to 3 days during resource allocation.

EDUCATION & LANGUAGES

Fundação Getulio Vargas (FGV) — MBA, Information Technology Management

2016 – 2018

Faculdade Engenharia Salvador Arena — Technology Degree, Systems Analysis and Development

2013 – 2015

Languages: English — Full Professional Proficiency | Portuguese — Native