

Sara Pereira

FULL-STACK SOFTWARE ENGINEER · INNOVATION LEAD

EMAIL contato@saracgpereira.com SITE saracgpereira.com GITHUB github.com/saragilberto

LINKEDIN in/saracgpereira WORK Remote

PROFILE

Full-stack software engineer and innovation lead. I build multi-tenant SaaS platforms for regulated domains — public procurement, municipal government, tax, payroll and citizen services — with Laravel, Vue 3 and schema-isolated PostgreSQL. Over the last nine months I authored roughly 3,700 commits across six products running in production. I lead the adoption of AI agents built into the product through MCP, with the same permissions and the same tenant scope as the graphical interface.

EXPERIENCE

Innovation Lead · Software company for the public sector

JAN 2026 - PRESENT · REMOTE

- I lead AI adoption across the company: agents built into the products through MCP, operating on real data under each tenant permission scope — not a chat layer bolted on the side.
- I designed the consolidation of four MCP servers into one. The previous ones were copies of the same scaffold with dozens of duplicated tools, which had already produced the same defect in three products at once. The unified server resolves the connection per product at runtime and replaces all three, proving coverage case by case before retiring each one.
- I supervise an intern and maintain the onboarding documentation for the products, written for people arriving without context.
- I established quality gates in CI — static analysis with a measured baseline, formatting, and an E2E suite covering navigation, CRUD, permissions and regressions — plus architecture decisions recorded as ADRs with explicit supersession.

Software Developer · Software company for the public sector

APR 2024 - JAN 2026 · REMOTE

- Six multi-tenant products in production on the same technical foundation: a B2G tendering SaaS, a municipal government ERP, tax auditing, a support hub, a mobile app and the shared base template.
- Multi-tenant architecture with schema-level isolation in PostgreSQL, global and local RBAC, tenant provisioning and module-aggregated navigation.
- Consolidated the tendering product from seven modules down to five, proving parity across 345 routes, with no migration re-run on any of the five schemas and 979 tests green.
- Shipped a municipal app on iOS and Android with Vue 3 and Capacitor — public venue booking, municipal taxi with offline support, payslips with income tax and social security statements, financial indicators and a water and sewage portal.
- Built and maintain the Vue 3 design system, shipped as a semver-versioned private npm package consumed by three products.
- Implemented the tax auditing domain: cross-referencing service invoices, receipts with no matching invoice and federal tax authority statements into a revenue cube with propagated measures.

- Company administrative routines, moving into the technical team over the course of my Systems Analysis and Development degree.

Head Coach · CrossFit

2017 - 2020

- Led the coaching team: training programming, methodology standardisation and development of the coaches teaching the classes.
- Accountable for athlete progress — initial assessment, load progression and individual adjustment inside group classes.
- Daily decisions with direct physical consequence: a bad program or an uncorrected movement injures someone. That is where my discipline about margin of error comes from.

Hostel volunteer · Chile and Norway

2014 - 2018

- Lived and worked abroad in two different settings, in Spanish and in English, alongside staff and guests from many nationalities.
- Day-to-day hospitality operations: front desk, keeping the space running and solving problems with few resources and in a foreign language.

Personal Trainer

UNTIL 2014

- One-to-one coaching: assessment, long-term planning and continuous follow-up for each client.

EDUCATION

Technologist degree in Systems Analysis and Development · PUC Minas

COMPLETED AUG 2025

TECHNICAL SKILLS

BACKEND	Laravel · PHP 8.2+ · Multi-tenant PostgreSQL · Sanctum · Queues and jobs
FRONTEND	Vue 3 · Strict TypeScript · Inertia.js · Tailwind · In-house design system
MOBILE	Capacitor (iOS and Android) · Pinia · Vue Router · Offline-first
INFRA AND QUALITY	Docker · CI/CD · Playwright · Static analysis · ADRs
AI	MCP Servers · Agents built into the product · Tool use scoped to the tenant

LANGUAGES

Portuguese — native · English — fluent · Spanish — beginner