

Renato Souza de Almeida Neto

Full-Stack Developer · Spec-Driven / AI-Native · Laravel + Vue 3 + TypeScript
Curitiba, Brazil | +55 91 98307-4994 | renatosouza.an@gmail.com | renatosouza.dev | [GitHub](https://github.com) | [LinkedIn](https://www.linkedin.com/in/renatosouza)

SUMMARY

Full-Stack Developer with 2 years shipping production features in Laravel, Vue.js, TypeScript, and Python. For over a year Cursor has been my primary coding environment: spec-driven development and AI-native workflows are how I ship — not a side tool. Currently a Backend AI Engineer Intern at FlyRank AI, while at Argo maintaining large-scale GovTech platforms for a government client (citizen-service portal, contract management, and intranet) and shipping TypeScript/Python products with tests, Docker, and CI/CD.

AI-NATIVE WORKFLOW

- **Daily driver:** Cursor — spec-driven development as default mode. I write the spec, let the agent generate, then review and iterate for quality.
- **Workflow:** every feature starts with a structured spec (context, schema, edge cases, acceptance criteria), then AI generates and I validate — speed without losing engineering control.
- **Tooling:** Claude Code, GitHub Copilot, and OpenAI Codex. I evaluate new tools as they drop and keep what actually moves the needle.
- **Quality bar:** strong opinions on when to trust AI output vs. when to override. I own everything I ship.

TECH STACK

Backend: Laravel (PHP 8+), Inertia.js, Node.js (Fastify, NestJS, Express), Python (Flask), REST APIs, OpenAPI 3.0

Frontend: Vue 3 / Quasar, React / Next.js, TypeScript, Tailwind CSS, Pinia, Vue Router

Data: PostgreSQL, Oracle, Redis, DynamoDB, Prisma, SQLAlchemy

Cloud & DevOps: AWS (Lambda, DynamoDB, SQS), Docker, Azure DevOps, GitHub Actions, CI/CD

AI Tools: Cursor, Claude Code, GitHub Copilot, OpenAI Codex

Languages: TypeScript, JavaScript, Python, PHP, C#, Lua

PROFESSIONAL EXPERIENCE

Backend AI Engineer Intern | FlyRank AI | 06/2026 – Present

- Intern focusing on backend AI engineering.

Full-Stack Developer | Argo Inteligência Digital | Remote | 05/2025 – Present

- Ship production features end-to-end across GovTech platforms for a government client using Laravel, Vue 3 (Quasar), Tailwind, and Oracle — from schema and REST API to UI.
- Built a citizen-facing manifestation portal and an internal case-routing dashboard: dual-audience product with complex state and role-based access.
- Contribute to a contract-management platform covering the full lifecycle of contracts, suppliers, and clients, including document compilation and third-party sync jobs.
- Build an intranet (Laravel, Inertia/Vue 3, Oracle, Docker): Fortify auth, Spatie permissions, Horizon/Redis queues, and auditing, plus OpenShift build artifacts.
- Use Cursor and spec-driven development daily to prototype fast and iterate; assigned to critical projects from day one.
- Integrate Redis-backed queues (Laravel Horizon) and scheduled workers; containerize stacks with Docker Compose and document auth, queues, and deploy paths.

Computational Support & Infrastructure Analyst | Amazon Informática | 12/2024 – 05/2025

- Developed and maintained Autolt automation scripts for remote government systems: updates, software management, and security-patch workflows.
- Replaced manual intervention with scripted processes, improving reliability and reducing cycle time.

GameDev Freelancer | Calicity | Remote | 06/2023 – 03/2024

- Built and maintained Lua scripts for GTA V/FiveM multiplayer servers: performance optimization, bug fixing, and advanced permission systems.

Environment Unit Manager | COSANPA (Pará State Sanitation Company) | 06/2021 – 02/2023

- Led environmental licensing across 50+ municipalities; IDB-funded project contributing to 20%+ increase in water supply coverage.

IT Infrastructure Intern | PRODEPA | 10/2018 – 08/2020

- Performed infrastructure analyses and configured PTP/PMP radios to improve government communication networks.

SELECTED PROJECTS

Shift (logistics platform) — TypeScript monorepo: Fastify API + React client, Prisma/PostgreSQL, JWT, OpenAPI. Docker Compose and GitHub Actions CI (migrations, typecheck, unit tests, Playwright E2E). Spec-first from domain architecture to deploy.

WormLayer (event indexing) — NestJS services, PostgreSQL (JSONB + partitioning), Redis/BullMQ, Docker. Event-driven pipeline to ingest, decode, persist, and query high-volume data via REST.

Market API + React (Python/Flask) — REST API with Auth0, OpenAPI 3.0, SQLAlchemy, and Docker; React frontend for authenticated CRUD end-to-end.

Flex Living Reviews Dashboard — Next.js/TypeScript app integrating Hostaway and Google Places APIs. Normalized review model, manager filters, and public property pages.

EDUCATION

Postgraduate, Full-Stack Development — Pontifícia Universidade Católica do Rio de Janeiro (PUC-Rio) | 05/2024 – 01/2025

B.Sc., Computer Engineering — Centro Universitário do Estado do Pará (CESUPA) | 01/2016 – 07/2020

LANGUAGES

English: C2 Proficient (EF SET). Fluent in reading, writing, and conversation. MINDS English School Upper Level (2014).

Portuguese: Native