

Nycolas Felipe

Software Engineer · Cofounder of Techlithy

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SUMMARY

At **Techlithy**, the company I cofounded, I lead the development of a multi-tenant SaaS CRM used by 4 companies that together run more than 20 schools. I like working **end to end**: understanding the problem of the people who use the system, designing the architecture, writing tested code and shipping it safely.

EXPERIENCE

Cofounder and Software Engineer · Techlithy

Jul 2026 – present · 4 mos

- I lead the development and operation of the **Techlithy CRM**, from architecture to production. The product is used by 4 companies that together run more than 20 schools, and it started in May 2026, before I went full time.
- I'm responsible for **IT at Transforma Educação**, a Techlithy client, including the ongoing work on the Ensina Mais e-commerce and Portal Transforma.
- I set up the company's **engineering platform**: zero-downtime deployments on a VPS, CI with ephemeral runners on AWS, and shared CI, deployment and dependency standards across repositories.
- I coordinate the **development team** and document architecture decisions in ADRs.

TypeScript · NestJS · React · PostgreSQL · Redis · Docker · AWS · Terraform

Fullstack Developer · Transforma Educação

Nov 2024 – Jul 2026 · 1 yr 9 mos · Niterói, Brazil

- I was the tech lead of the **Ensina Mais e-commerce** on a team of 4 developers: an online store, a point of sale at the schools and a back-office, built as Node.js and TypeScript microservices.
- I connected sales to **Asaas** (payments), **Bling** (ERP and invoicing) and **ActiveSoft** (school system), so each confirmed payment now updates the ERP and issues the invoice automatically.
- On a team of 4, I developed **Portal Transforma**, which brought together the enrollment, sales and finance reports that had been spread across spreadsheets, BI and ActiveSoft, with access by department and by unit.

React · Node.js · Express · MySQL · RabbitMQ · Python · Docker

Front-end Development Intern · Opikode

Aug 2022 – Jul 2024 · 2 yrs · Rio de Janeiro, Brazil (remote)

- I developed and maintained the **Editora Senac SP** portal, turning Figma layouts into responsive interfaces.
- I connected the portal to the Senac book catalog APIs.

jQuery · Bootstrap · Figma · Liferay · GitLab

PROJECTS

Techlithy CRM · Multi-tenant SaaS for sales teams that sell through WhatsApp and Instagram

May 2026 · present · Cofounder and development lead

A CRM that brings **WhatsApp, Instagram and email** conversations into one real-time screen, with a **kanban pipeline, automated campaigns** and **AI agents** with human approval. Used by 4 companies that together run **more than 20 schools**.

Case study: nycolasfelipe.techlithy.com/en/projects/crm-techlithy

Ensina Mais e-commerce • Learning material sales for the ZeroHum and ZH+ networks, from the Transforma Educação holding
Apr 2025 · present · Fullstack developer and tech lead, now through Techlithy

Online store, point of sale at the schools and back-office for the Ensina Mais publishing house. Each family sees only the right product for the student's class. The system integrates payments (**Asaas**), ERP and invoicing (**Bling**) and the school system.
Case study: nycolasfelipe.techlithy.com/en/projects/ensina-mais

Portal Transforma ERP • Enrollment, sales and management reports for the Transforma Educação holding in one place
Jan 2025 · present · Fullstack developer on a team of 4, now through Techlithy

Internal portal that brings together reports that used to be spread across **spreadsheets, BI and ActiveSoft**: enrollments, material sales, finance and people management, with **access by department and by unit**.
Case study: nycolasfelipe.techlithy.com/en/projects/portal-transforma

SKILLS

Front-end	React, TypeScript, Next.js, TanStack Router and Query, Tailwind CSS, shadcn/ui
Back-end	Node.js, NestJS, Express, Python, REST, WebSockets (Socket.IO)
Data and messaging	PostgreSQL, MySQL, Redis, BullMQ, RabbitMQ, TypeORM, Sequelize
Infrastructure and DevOps	Docker, GitHub Actions, AWS (EC2, Lambda, IAM), Terraform, Packer, Nginx, OpenTelemetry
Quality and process	Vitest, Testing Library, Testcontainers, ESLint, ADRs
AI	OpenAI, Anthropic, DeepSeek, Agents with human approval, Cost control per client