

Eduardo Moreira Santarosa

Full-stack Developer

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Summary

Full-stack developer since 2022. I build complete web systems for companies: React interfaces, Node.js and Python APIs, PostgreSQL, ERP integrations, mobile apps and automations. Computer Science student.

Experience

Full-stack Developer, NEC Brasil

Aug 2022 to present

- Build and maintain web systems for clients across industries with TypeScript, Node.js, React, Next.js, PHP and React Native.
- Business systems for HR, finance, billing, workshops, technical support, logistics and transport, from the database to the interface.
- A mobile app for barcode-based order picking and checking, with its rules covered by automated tests.
- Integrations with ERPs and partner APIs such as Omie, TecnoSpeed, Vuupt and D4Sign, plus PDF and Excel report automation.
- Python RPA robots and a platform to schedule and follow them on Windows workstations.

Case studies

AuthSales, one foundation for several systems

My personal project: a commercial SaaS platform that also serves as the foundation for systems in other domains, such as sales, healthcare and ERP.

Picking and checking orders on the warehouse floor without losing track

A phone app for pickers and collectors to scan products, split orders into parts and resume work where it stopped.

The life of every device, from receiving to warranty

A management system where every payment terminal is tracked by serial number through purchases, sales, repairs and warranty.

Robots that drive systems with no API, and a panel to command them

A platform to schedule and follow robots on Windows workstations across many clients, and robots that read tax documents without missing a cent.

Tools

Backend	Node.js, TypeScript, Fastify, Express, NestJS, Python, FastAPI, PHP, Laravel
Frontend	React, Next.js, Vite, Tailwind CSS, shadcn/ui, Material UI
Mobile	React Native, Expo
Data	PostgreSQL, MySQL, Redis, TypeORM, Prisma, Knex, SQLAlchemy
Automation	Playwright, Puppeteer, pywinauto, PDF and Excel
Infra	Docker, Git, GitFlow, AWS S3, WebSockets

Education

Computer Science, Faculdade de Americana. 2024 to 2028, in progress

High school and IT technical course, Colégio Politec. 2021 to 2023

Languages

Portuguese (native), English (intermediate)