

Francisco Pereira.

Full-stack Developer

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franciscopereira.dev · github.com/francisco-pereira-dev · linkedin.com/in/francisco-pereira-dev

I started programming at fifteen. I am in the final year of a Computer Engineering degree, taken in evening classes, and I work in full-stack web — from the data model to the interface — and in native C++. My work is documented at franciscopereira.dev, with the technical decisions and what went wrong.

SKILLS

Languages	TypeScript, JavaScript, C++, Java, PHP, HTML/CSS
Frameworks and libraries	React, Vue 3, Astro, Laravel, Three.js, MFC
Data	PostgreSQL/Supabase, MySQL, REST APIs
Tools	Docker, Vite, Git, OutSystems, Playwright

EXPERIENCE

Developer — Licas, client project

React · TypeScript · Supabase · PostgreSQL · Vite — 2026 – ongoing

- Built an online ordering platform for an artisan pastry shop single-handedly, with a full back-office: architecture, data model, backend, frontend and production readiness.
- Supported two purchase flows in one application: catalogue products with fixed prices, and custom cakes that need a quote before a price exists.
- Enforced access rules in the database rather than in the interface, and made single-use coupon redemption atomic — a check in code can be bypassed by two simultaneous requests.

Intern — ITGlee, Figueira da Foz

OutSystems — Jan – May 2021

- Developed an online computer-hardware store with warehouse management, presented as my final secondary-school project.

PROJECTS

CadflowBankSystem — desktop banking system with the domain separated from the interface. Technical challenge set by a company, solved alone in about a month.

C++ · MFC · Windows — 2026

3D Analyzer — 3D mesh inspector: a native C++ computation engine and a web dashboard that shows the result.

C++ · Vue 3 · Three.js · WebGL — personal project, June 2026

Portfolio — franciscopereira.dev: a static site in two languages, with accessibility audits and automated verification of the published text.

Astro · TypeScript · Playwright — 2026

Six more projects at franciscopereira.dev

EDUCATION

BSc in Computer Engineering

Universidade de Leiria e Oeste — Sep 2021 – in progress, expected 2026

Vocational Course in Computing (Systems)

Escola Secundária Dr. Joaquim de Carvalho, Figueira da Foz — 2018 – 2021

LANGUAGES

Portuguese (native) · English (B2)

INTERESTS

Gym and kickboxing.