Pedro Queiroz

Software Developer · Computer Science Student

São Paulo, Brazil pqueirozdev@gmail.com pqueiroz.vercel.app/en github.com/PQueirozDev
linkedin.com/in/pedro-henrique-da-silva-queiroz-3a073a353

SUMMARY

Computer Science student at Senac and software developer. I build web and desktop applications with **React, TypeScript, Node.js, C# and C++**, released as open source projects, as my own products or delivered to clients as a freelancer. Looking for an internship or entry-level software development role. I also have experience in video editing, audiovisual post-production and graphic design, using Adobe tools to create digital content.

EXPERIENCE

Freelance developer — 2025 – present

Self-employed · Remote

- **Aquecedores Fortes:** internal quoting system with a heater catalog by brand, service records, quote status, PDF printouts and role-based access (Next.js, TypeScript, Prisma, PostgreSQL, NextAuth).
- Building and maintaining client websites with HTML, CSS and JavaScript.
- Custom automations that remove manual work; involved in every stage, from requirements to delivery.

Video editor and graphic designer — Freelance

- Video editing and post-production with Adobe Premiere Pro and After Effects.
- Animations, transitions, visual effects and promotional content.
- Image retouching, manipulation and editing with Adobe Photoshop.
- Graphic materials, posts and social media content.

PROJECTS

Qyrex · open source desktop app — Electron · React · TypeScript · SQLite

- Workspace for developers: projects, tasks, built-in terminal, visual Git and an AI chat that only runs commands with permission.
- Isolated renderer, IPC channels validated with zod, secrets in the Windows vault and tests with Vitest.

Qlip · screen recorder for Windows — C++20 · Win32 · NVENC · FFmpeg

- Recording and instant replay with GPU capture, an in-memory buffer of already-encoded packets and synchronized system/microphone audio.
- Recordings recovered after an app crash; memory use and dropped frames measured and documented.

Qrztweaks · Windows optimization — C# · WPF · .NET 8

- Commercial product: tweaks reviewed item by item with backup and rollback, a performance lab (PresentMon) and updates verified with a signed hash.

Atelier 31 · website with online booking — React · TypeScript · Supabase

- Booking by service, barber, day and time, with Row Level Security, a database-validated booking function and a unique index against double bookings.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C#, C++, C, SQL, HTML, CSS · Python (basic)
Front-end: React, Next.js, Tailwind CSS
Back-end and data: Node.js, Express, PostgreSQL, Supabase, Prisma, SQLite
Desktop: Electron, WPF/.NET, Win32
Tools: Git, GitHub, Docker, Vitest, FFmpeg, CMake, Vercel
AI: Claude Code and Codex for development and code review; integration with the Claude, OpenAI and Gemini APIs
Video editing and design: Adobe Premiere Pro, Adobe After Effects, Adobe Photoshop
Creative skills: video editing and assembly, audiovisual post-production, motion graphics, visual effects, transitions, image retouching and manipulation, social media content creation

EDUCATION

B.Sc. in Computer Science — 02/2026 – 12/2030 (expected)

Senac Nações Unidas · São Paulo · currently in the 2nd semester

Technical High School in Business Administration — Completed

Senac Jabaquara · São Paulo

LANGUAGES

Portuguese: native · English: intermediate