Pedro Santana

Senior Full-Stack Engineer

◎ Leiria, Portugal 📞 + 351 910 708 944 @ pedrsntana@proton.me 🔗 https://pedrsntana.pages.dev

---

Profiles ⭘ 0xZ0uk   🔳 z0uk

Summary **Full-Stack Engineer with 10+ years of experience designing and delivering scalable web solutions.** With a proven track record of building enterprise-grade applications for global clients in logistics, e-commerce, and media sectors. Transitioned from self-taught programming foundations to leading technical implementations as a Merkle DACH consultant, combining technical expertise with strategic client collaboration.

Experience

BetterFleets   Jan 2024 - May 2025
Software Engineer & Co-Founder   Remote

Solo-developed commercial SaaS products demonstrating full-stack expertise.

- **Designed and launched a production-grade application** from concept to deployment, handling architecture, UI/UX, and DevOps.
- **Built BetterFleets** using Next.js/TypeScript stack.
- **Independently managed entire product lifecycle** including market research, CI/CD pipelines, and GDPR-compliant infrastructure.

Merkle DACH   Oct 2019 – Nov 2023
Front-End Consultant   Leiria, Portugal (Hybrid)
🔗 Merkle DACH

- Led development of progressive web app with offline-first caching strategy
- Created component library using Atomic Design principles, reducing UI development time by 30% across projects
- Migrated 3 legacy React 16 apps, to React 18 with 100% test coverage

Freelance Software Engineer   Nov 2014 - Oct 2019
Software Engineer   Remote

Delivered full-stack solutions for media and entertainment clients:

- Built CMS-driven news portal serving 10k+ monthly visitors
- Engineered web radio platform with HTML5 audio player integration
- Developed ticket sales platform for a music festival

Education

Self-Directed CS Curriculum   2012 - Present
Computer Science   IT

Continuous professional development through industry practice and technical mentorship.

- Developed core competencies through 10,000+ hours of hands-on software engineering experience
- Established freelance development practice at 17, delivering 5+ client projects before full-time employment
- Pursued formal CS education (2017-2019) before transitioning to professional engineering roles

---

Projects

BetterFleets   Jan 2025 - Present
Vehicle Fleet Management Platform (In Development)
🔗 https://betterfleets.io

- Developing SaaS solution for logistics optimization
- Implementing automated data retrieval and analysis
- Designing CI/CD pipeline using GitHub Actions for zero-downtime deployments

Next.js, TypeScript, Node.js, Tailwind, Playwright

Skills

Frontend	Backend	Tools	Misc
● ● ● ● ●	● ● ● ● ○	● ● ● ● ●	● ● ● ● ○
React, Next.js, TypeScript, Astro	Node.js, REST APIs, PostgreSQL, Go	Figma, GitHub Actions, Vite	PWAs, WebSockets, Godot, AI/LLM integration

---

Interests

Web Development
react, nextjs, astrojs, vite, AI

Game Development
aseprite, godot, pixelart

UX Design
figma, gimp, photoshop

Languages

Portuguese	English	Spanish
Native	Fluent (C2 Proficient)	Basic (B2 Business)
● ● ● ● ●	● ● ● ● ●	● ● ● ○ ○