Diogo Cardoso

Product-minded engineer who ships things that move metrics, not just code.

hi@diogocardoso.dev | diogocardoso.dev | linkedin.com/in/diogocardoso10 | github.com/nip10

PROFESSIONAL EXPERIENCE

Tech Lead
Apr 2023 - Present

Sword Health - Portugal

- Led and mentored a team of frontend engineers, implementing Agile methodologies for consistent delivery
- Architected UX improvements to the core intake application, increasing conversion rates and reducing abandonment
- Established frontend best practices and a shared component library, reducing code duplication and accelerating development
- Scaled the team through technical interviews and hiring while maintaining strong team culture
- Managed cross-functional relationships with Product, Design, and Engineering to align technical implementation with business objectives
- Driving AI adoption across the team by introducing AI-assisted development tools, automated code reviews, and AGENTS.md documentation standards, while training developers on effective AI workflows

Vue, TypeScript, Pinia, Storybook, Vitest, Git, Github Actions

Software Engineer
Jan 2022 - Mar 2023

Replai - Portugal/US

- Built intuitive user interfaces for a data-intensive web application, with a focus on performance optimization
- Developed and maintained back-end services, ensuring smooth and reliable performance
- Collaborated with the design team to create a cohesive design system and component library
- Ensured quality through unit and end-to-end testing

React, Redux, TypeScript, Styled Components, Storybook, Cypress, NodeJS, AWS, PostgreSQL

Software Engineer / Tech Lead
Oct 2020 - Jan 2022

Beeyard - Portugal

- Led and managed a team of 3 developers and 1 designer in a pre-seed startup
- Built web, mobile, and desktop applications for remote beehive monitoring solution
- Implemented payment/billing system and CI/CD pipelines using GitHub Actions and AWS
- Developed desktop application for hardware configuration, improving process by 10x

Angular, TypeScript, NodeJS, Express, PostgreSQL, MongoDB, Electron, React, Ionic, AWS

Front-end Developer (Contractor)
Apr 2021 - Sep 2021

Hostelworld - Portugal

- Worked on the Wanderlust Design System using web-components (StencilJS)
- Built reusable components improving consistency across teams and applications

StencilJS, SASS, Storybook, Vue

Software Engineer
Apr 2019 - Oct 2020

Wegho - Portugal

- Full-stack development for digital transformation of home cleaning services (first startup experience)
- Built web/mobile apps, PWA, payment systems, and CI/CD pipelines

ASP.NET, C#, React, JavaScript, SQL Server, PWA, Ionic, Stripe, Azure DevOps

SPEAKING & EVENTS

AI SDK & Varyant   2025

Sword Health x Supabase Meetup (Organizer & Speaker)

Organized and hosted a developer meetup in partnership with Supabase, and presented on AI SDK integration patterns

State Machines in Frontend   2024

Tech Talk

Presented on using finite state machines to manage complex UI state in Vue applications

EDUCATION

Integrated Master's Degree in Electrical and Computer Engineering

FEUP - Faculdade de Engenharia da Universidade do Porto

2014 - 2024 | Porto, Portugal

Thesis: "Framework for collecting and processing georeferencing data"

SKILLS

Languages: JavaScript, TypeScript, C#, MATLAB

Frontend: React, NextJS, Vue, Angular, Tailwind, Redux, SASS

Backend: NodeJS, Express, ASP.NET

Databases: PostgreSQL, MongoDB, SQL Server, Redis

Testing: Jest, React Testing Library, Cypress, Vitest

Cloud/DevOps: AWS, Azure, CI/CD, GitHub Actions

AI: AI SDK, Langchain, RAG, Claude Code

Tools: Git, Figma, Sketch, Agile, Jira

CERTIFICATIONS

Product MBA - Builders Camp

Essential Project Management - APGEI

First Certificate in English (FCE) - Cambridge

NOTABLE PROJECTS

ChatPDF

Chat with documents using embeddings and semantic search

chatpdf.pt

Itineraris

AI travel assistant - Won TUI Future Shapers 2023 & Beta Start 2023

itineraris.pt

Wondermoney

Money management app with PSD2 open banking integration

wonder.money

Open Source NPM Packages

exchange-rates-ecb, validate-pt-id, gocardless-open-banking, fmp-node-sdk

npmjs.com/~nip10

OTHER EXPERIENCE

Teacher Assistant - AI for Developers   Mar 2024 - Apr 2024

Code for All_ & Augusta Labs

Course content planning, practical exercises, student support (~15 students), weekly Q&A sessions

Python, Langchain, LLM, Google Colab