

João Dias

Design Engineer · Senior Frontend Engineer · Web Accessibility Specialist

Coimbra, Portugal | joaodias.me | github.com/JoaoTMDias | linkedin.com/in/joaotmdias

Professional summary

Design Engineer with more than 15 years of experience connecting interface design and frontend engineering. I design with technical constraints in mind and build production interfaces with close attention to accessibility, semantics, interaction and detail. My work spans product engineering, design systems, developer tooling, automated accessibility testing and technical teaching.

Core skills

Web accessibility (WCAG and EAA) · Design engineering · Interface design · Design systems · React · TypeScript · JavaScript · Node.js · Astro · Vite · Playwright · Cypress · Testing Library · Web Components · Lit

Professional experience

Revolut — Frontend Engineer
Remote | January 2026–July 2026

Feedzai — Advanced Frontend Engineer and Accessibility Advocate
Coimbra, Portugal | 2024–2026

Farfetch — Senior Software Engineer, Frontend
Porto, Portugal | 2023–2024

Feedzai — Senior Frontend Engineer and Accessibility Advocate
Coimbra, Portugal | 2019–2023

ISEC — Invited Assistant Professor
Coimbra, Portugal | 2022–2023

WIT Software — UI and Graphic Designer, Frontend Developer

Coimbra, Portugal | 2013–2019

Load Interactive — Web, Mobile and Graphic Designer
Aveiro, Portugal | 2012–2013

joaodias.me — Freelance Web and Graphic Designer
Figueira da Foz, Portugal | 2008–2012

Selected projects

A11y Page Checker

Local-first accessibility auditing platform combining Playwright and axe-core with a typed API, CLI, web dashboard, HTML reports and an MCP server. Designed scan contracts, failure isolation and multiple interfaces for repeatable audits.

React A11y Tools

Open-source React library that packages recurring accessibility patterns such as route announcements, roving tabindex, focus management and heading-order utilities for reuse across applications.

Raider

Music-discovery application using Last.fm relationships to explore artists, related acts and top tracks through an interactive, accessible interface built with Next.js, React and Visx.

WinPicker

Windows desktop colour tool that helps designers and developers compare foreground and background colours and inspect WCAG contrast results using React, Electron and Fluent UI.

Additional activity

Radio host at Rádio Universidade de Coimbra. Open-source maintainer and accessibility advocate. Former invited assistant professor teaching interface and frontend topics.

Links

Portfolio: <https://joaodias.me>

GitHub: <https://github.com/JoaoTMDias>

LinkedIn: <https://linkedin.com/in/joaotmdias>