

Igor Carreira

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Tech Lead / Senior developer / Engineering manager

Seasoned engineer with 15+ years building web systems for SaaS products, marketplaces, and diverse industries. Expert in APIs, distributed systems, high-performance data pipelines, and AI-assisted workflows. Skilled in Ruby, TypeScript, React, Go, Postgres, and cloud-native architectures. In 3 years, improved core system processing speed by ~40%.

WORK EXPERIENCE

AML RightSource

04/2023 – Present

Tech Lead

Remote

- Developed scalable TypeScript/React SPAs, delivering high-quality UX while enabling rapid iteration and feature delivery.
- Led a cross-functional team to develop AI-powered investigative web and data workflows, aiming to reduce analyst investigation lead time by 50% within 18 months.
- Modernized financial analytics web platform (Ruby/React), automating data workflows, enhancing UX, system performance. Optimised data ingestion speed by 40% within 3 quarters.
- Leading the transition of the technology stack during company acquisition and merger, ensuring seamless handover and operational continuity (planned step-down Apr 2026).

Oyster HR

01/2022 – 01/2023

Engineering Manager

Remote

- Led technical delivery and mentored 13 engineers in a fully remote, product-led environment. Improved sprint delivery efficiency by 25% within 3 months. Championed Kanban adoption.
- Delivered HRIS, ATS, and time-tracking modules for boosted sales effectiveness. Delivered contract workflows for improved user workflow efficiency.

Lavanda

09/2016 – 01/2022

Head of Engineering

London Area, United Kingdom

- Led technical strategy, architecture, and delivery across multiple web and API projects, including the central PMS, a public developer API, and direct booking websites.
- Mentored a distributed team, fostering collaboration and supporting growth. Led the hiring of ~35 engineers over 4 years. Increased delivery throughput by 30% within 3 quarters.

Lead Developer

Greater London

- Developed the initial platform of a multi-award-winning property management system, through PWAs and robust Ruby services, including API integrations with 3rd-party OTA platforms.
- Championed XP and engineering good practices. Laid the foundation for CI/CD pipelines and TDD adoption within the engineering team.

Your Golf Travel Limited

11/2014 – 09/2016

Polyglot Developer

London Area, United Kingdom

- Worked on the internal quoting system. Built internal booking system with Ruby/Go microservices, for improved operational efficiency. Integrated with booking APIs (e.g: Expedia).

PT Inovação

05/2009 – 10/2014

Full Stack Developer

Aveiro

- Developed Ruby/Rails DSL framework; built a portfolio manager integrated with campaign systems; designed RBAC; led adoption of MongoDB, RSpec, Capybara.

Deloitte
Consultant

07/2007 - 05/2009
Lisbon

- Promoted to Consultant; conducted tech stack research, high-level architecture design, and bespoke Oracle eBS extensions across Public Sector, Media, and Transportation projects.

Analyst

Lisbon

- Entry-level Analyst; designed and implemented Oracle SOA Web Services and extensions for multiple Public Sector and Healthcare integrations.

À Venda Pelo Dono (retired property portal)
PHP Web Developer

01/2007 - 02/2008
Aveiro, Portugal

- Full-stack development of property portal features including account management, listings, scheduling, payments, and long-term maintenance.

EDUCATION

Computer and Telematics Engineering, Networks and Computer Science
Universidade de Aveiro

01/2002 - 01/2007

CERTIFICATIONS

The Six Morning Habits of High Performers
Ethical Hacking with JavaScript
Getting Things Done
Extreme Productivity (Blinkist Summary)
ITIL Foundations v3

PUBLICATIONS

Sistema de Gestão de Informação Clínica na área da Hemofilia: implementação de um protótipo vertical

SKILLS

Top Skills: Software Development, Software Engineering, Web Development

Languages: English (Full Professional), French, Portuguese (Native or Bilingual), Spanish