Igor Carreira

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Engineering Manager | Tech Lead | Senior Engineer (Remote)

AI-first seasoned engineer & manager building cloud-based products (mostly SaaS) and APIs across industries. Guided by DDD/XP, I deliver resilient full-stack architectures - from data-intensive backends to modern PWAs. Versed specially with Ruby, Node.js, TypeScript. Proven to reduce cycle time through XP practices (last project: 40% in 6 months).

WORK EXPERIENCE

AML RightSource
Tech Lead
04/2023 - Present
Remote

- Developed scalable TypeScript/React SPAs, delivering high-quality UX while enabling rapid iteration and feature delivery. Reduced cycle time by 40% within 2 quarters with XP
- 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 a 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
Engineering Manager
01/2022 - 01/2023
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
Head of Engineering
09/2016 - 01/2022
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
Polyglot Developer
11/2014 - 09/2016
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
Full Stack Developer

05/2009 – 10/2014
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.

ÀVendaPeloDono (retired property portal)
PHP Web Developer

01/2007 – 05/2008
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

07/2007

PROFESSIONAL DEVELOPMENT

Ethical Hacking with JavaScript

ITIL Foundations v3 Certification

PUBLICATIONS

Clinical Information Management System for Hemophilia: Implementation of a Vertical Prototype

06/2008

REVISTA DO DETUA, VOL. 4, Nº 9,

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

SKILLS

Architecture & Delivery: AI-assisted Workflows, CI/CD, Data Pipelines, Distributed computing, Domain-Driven Design (DDD), Extreme Programming (XP), Full-stack Architectures, Majestic monoliths, Micro-frontends, PWAs), SPAs

Leadership & Strategy: Acquisition and mergers, Agile/Kanban/Scrum, Change Management, Engineering Management, Engineering Mentorship, Goal Setting, Hiring, Product Strategy

Tech Stacks: Angular, AWS, Docker, Go, Google Cloud, GraphQL, Hanami, Java, JSON:API, JSON Schema, Kubernetes, MongoDB, Next.js, Node.js, OpenAPI, Oracle DB, PHP, PostgreSQL, RabbitMQ, Rails, React, Redis, Ruby, Typescript

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