

Afonso Silva

Software Engineer

Portugal 

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Full-stack software engineer in Portugal with 8+ years across fintech, commodities trading and renewable energy, currently building commercial data systems for hotels at Triptease.

EXPERIENCE

Software Engineer, Triptease

Sep 2024 - Present

Remote, Portugal · TypeScript, Node, React, PostgreSQL, Docker, Google Cloud

- Build the internal data platform behind Triptease's commercial operations, used daily by Sales, Customer Success and Finance to manage contracts, billing and customer data for thousands of hotels.
- Work across the whole stack: database design, web services, internal tools and the cloud infrastructure they run on.

Software Engineer, Lidya

Mar 2022 - Aug 2024

Hybrid, Porto · C# (.NET), PostgreSQL

- Built and maintained the backend services powering Lidya's credit products for small and medium enterprises, owning features from requirements analysis through delivery.
- Reviewed a large share of the team's code.

Market Risk Software Engineer, COFCO International

Nov 2019 - Nov 2021

Hybrid, Porto · C# (.NET), SQL Server, Python

- Only software engineer on the Market Risk team at one of the world's largest agricultural commodity traders; designed, built and maintained all of the team's software.
- Turned risk analysts' requirements into tools for exposure monitoring and reporting, after training on market risk and financial markets.

Software Engineer, Vestas

Sep 2018 - Nov 2019

On-site, Porto · C# (.NET), SQL Server, Angular, Redis

- Built Industry 4.0 systems on the Framework team at the global leader in wind energy, mostly control system integrations around SCADA.
- Coordinated with other teams under SAFe.

TECH STACK

JavaScript ecosystem	TypeScript, JavaScript, Node.js, React, Angular, Astro
.NET ecosystem	C#, .NET
Databases	PostgreSQL, SQL Server, BigQuery
Python	Python, Django
Cloud & infrastructure	Google Cloud, Docker

INTERNSHIPS

Academic Internship, E-goi

Feb 2018 - Jul 2018

Built an email deliverability dashboard with Python, Django, PostgreSQL and RRDTool.

Summer Internship, Armis Group

Jul 2017 - Sep 2017

Built a canoeing sports app end to end with two colleagues: native Android and iOS apps backed by C# (.NET) web services.

EDUCATION

Bachelor's Degree, Computer Engineering

2015 - 2018

Instituto Superior de Engenharia do Porto