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my portfolio:

ruimsmelo.github.io/my-portfolio/

my github:

github.com/RuiMSMelo

Rui Serôdio Melo

With an engineering background, training from Ironhack, I've transitioned into full stack web development, working mainly with the MERN stack and Three.js.
I bring a hands-on, solution-driven approach shaped by years of leading a team and adapting to complex challenges—above and below the surface.

Experience

Portuguese & English Data Annotator
Sigma AI, Madrid — 2025 / 2024
Labeled and reviewed datasets for machine learning models, ensuring accuracy and linguistic consistency across large-scale AI training.

Hardware & Software Setup Specialist
Quattrocento Diseño, Madrid — 2024
Handled the preparation and configuration of mobile devices before deployment to retail locations, ensuring everything was tested and ready for use.

Internship
NerveCenter - Start Up — 2023
Joined a web development team during my studies, working on front-end features and gaining hands-on experience with real-world projects and workflows.

Diving Team Leader
Promergulho - Oceanário de Lisboa — 2023 / 2021
Led diving operations at Oceanário de Lisboa, overseeing daily tasks, team supervision, and underwater safety. Responsible for hiring personnel, managing schedules, and ensuring smooth coordination between our team and the client.

Commercial Diver
Promergulho - Oceanário de Lisboa — 2021 / 2018
Worked as a diver at Oceanário de Lisboa, one of the world's leading aquariums. Took part in daily dives for cleaning, animal care, and exhibit maintenance.

Technical Skills

JavaScript

React

C

Node.js

Express.js

MongoDB

Three.js

React Three Fiber

GLSL

WebGL

CSS

Tailwind

Git

JWT

REST APIs

Education

Three.JS Journey
2025

Full Stack Web Development Bootcamp
Ironhack — 2023

Commercial Diving
Casco Antiguo Diving Center — 2018

Computer Engineering - Unfinished
Faculdade de Ciências da Univ. Lisboa — 2017 / 2015

Environmental Engineering - Unfinished
Faculdade de Ciências da Univ. Lisboa — 2015 / 2012

Languages

Portuguese

English

Spanish