

# Mauro Fernandes

## Full Stack Software Developer

I am a dedicated and passionate software developer with a strong focus on learning and applying new technologies. Known for my communication skills and collaborative mindset, I thrive in team environments where innovation and continuous development are key. I am committed to delivering cutting-edge solutions that contribute to business growth, and I am eager to work alongside like-minded professionals to further my personal and professional development.

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## WORK EXPERIENCE

### Software Developer Eufinity Solutions

04/2024 - Present

Braga, Portugal

#### Achievements/Tasks

- Full-stack development of ERP systems, responsible for both back-end and front-end features
- Implemented SAF-T (PT) solutions in compliance with Portuguese legislation
- Integrated our software with automatic payment terminals across multiple countries

## PERSONAL PROJECTS

### NestJS API Template

- A production-ready NestJS API template that includes built-in authentication, OpenAPI (Swagger), TypeORM setup, rate limiting, and other common features. It was designed to help people start new projects quickly by focusing on actual business logic instead of boilerplate. Developed collaboratively with two teammates, this project represents a blend of our shared ideas, existing knowledge, and new skills acquired throughout the development process. It was an exciting team effort and remains an ongoing project that we continue to refine and improve regularly.

### Developer Portfolio

- Single-page developer portfolio built with React, TypeScript and Vite. It uses a modular grid layout with reusable panels, plus overlay dialogs for detailed views, all styled with a custom and responsive design. This portfolio became one of the most interesting projects I have worked on, since I managed to learn React, which was the primary goal when I decided to develop the website, as well as to complete an objective of mine of having my own domain with my CV.

### Currency Converter

- Built a web-based currency converter that provides real-time exchange rate updates. The application allows users to quickly convert between multiple currencies using live market data. It includes a responsive design, intuitive user interface, and integration with APIs to ensure accurate and up-to-date currency conversions.

## EDUCATION

### Bachelor's Degree in Biomedical Engineering

University of Trás-os-Montes and Alto Douro

10/2020 - 07/2023

#### Courses

- Undergraduate Project - Developed two models using deep learning to automatically detect landmarks in x-ray images

## SKILLS

Javascript

Typescript

C++

Node.js

Angular

React

PostgreSQL

Microsoft SQL Server

NestJS

TypeORM

Sequelize.js

ETL

ERP

Technical Support

Git

DevOps

Docker

REST APIs

HTML

Python

Java

C#

CSS

MongoDB

## ACHIEVEMENTS

Detection of Landmarks in X-Ray Images through Deep Learning - Publication on Springer

## CERTIFICATES

### IBM DevOps and Software Engineering Professional Certificate

*Aquisition of skills related to software development using Agile and Scrum methodologies*

### IBM Back-End Development Professional Certificate

*Aquisition of skills related to Back-End development*

## LANGUAGES

Portuguese

*Native or Bilingual Proficiency*

English

*Full Professional Proficiency*

## INTERESTS

Reading

Movies

Gaming

Music