MARIANO SANTOS

SOFTWARE ENGINEER

PROFESSIONAL RESUME

Full-stack developer with over 5 years of experience, specialized in creating scalable web applications with Angular and complementary technologies. My work focuses on integrating AI features and connecting front-end solutions with APIs and CRM systems. I specialize in delivering high-quality user experiences and promoting innovation in dynamic, international environments.

CONTACT

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LANGUAGES

English - B2

Oral Portuguese - Advanced
Written Portuguese - Intermediate

WORK EXPERIENCE

Front-End Developer Ssr. | AI & CRM Integrations

Megatrans S.A. | June 2023 to present

- Front-end development for geolocation applications for truck fleets and mobile devices using Here Maps APIs.
- Refactoring and migration of legacy projects from Angular 8 to Angular 16.
- Optimization of REST API integrations for a smoother data flow.
- Improvement of UX/UI across mobile and web platforms, focusing on scalability, performance, and user experience.

Full Stack Developer | Angular

Tenaris | March 2024 to November 2024

- Web development for clients and various SMEs; creating full-stack applications, database management, and REST API development using Node.js, MongoDB, Express, and Angular.
- Styling implementation with libraries such as Material UI and PrimeNG.
- Development of a global platform for creating inspection forms, internationally implemented in Portugal and China.

Front-End Developer - Angular Specialist

WeeNovate | May 2022 to March 2024

- Front-end development of international management systems and banking applications handling multiple currencies.
- Integration of backend APIs with modern front-end interfaces.
- Design and implementation of reusable UI components.
- Participation in rapid prototyping and experimentation with AI-based development tools.

DEVELOPMENTS

Stock Management

Application developed in Angular 14, with its API in Node.js and DB in MySQL. A counting, description and price marking application in direct connection to the database. The front end is styled with the SaSS preprocessor.

Mobile Registration Application (Ionic & Angular)

- I developed a cross-platform mobile application using Ionic and Angular, focused on registering beneficiaries for a digital pension program.
- The application included a step-by-step registration process (onboarding stepper) that sent completed forms to a database.
- My work focused on ensuring a fluid user experience and efficient integration with the backend.

TECHNOLOGIES

HTML - Advanced
CSS - Advanced
SaSS - Advanced
Less - Advanced
Tailwind - Advanced
Bootstrap - Advanced
Javascript - Advanced
JQuery - Advanced
Node.JS - Advanced
Angular - Advanced
TypeScript - Advanced
NgRx - Intermediate
RxJs - Advanced
AngularJS - Intermediate
React.Js - Intermediate
Next.JS - Intermediate
Redux - Intermediate
Three.Js - Intermediate
Php - Advanced
React Native - Advanced
Expo - Intermediate
tRPC - Intermediate
Synfony - Intermediate
TensorFlow - Intermediate
Laravel - Intermediate
Firebase - Intermediate
MongoDB - Advanced
MySQL - Intermediate
PostgreSQL - Intermediate
SSH - Basic
Azure - Intermediate
Git - Advanced
Github - Advanced

Digital Pension Registration Platform

- I developed a full-stack application with Angular, using the latest trends like SSR (Server-Side Rendering) and Signals to optimize performance.
- The application consisted of two interconnected parts: a registration stepper for end-users and a control panel for HR.
- I implemented an API with JWT authentication and real-time communication between applications using WebSockets, allowing HR users to visualize registration progress live.
- The panel included metrics and visual charts created with Chart.js.
- Upon completion of the process, users received confirmation emails for their pension subscription.

CERTIFICATIONS

Código Facilito

May 2023 - Professional Backend (NodeJs)
April 2023 - Angular Professional
April 2023 - TypeScript Professional

Udemy

March 2023 - Master in React,Js
January 2022 - Master in JavaSript

OpenBootCamp

November 2022 - HTML and CSS
November 2022 - Introd. to Programming
November 2022 - Programming concepts
January 2023 - JavaScript
February 2023 - Angular

freeCodeCamp

April 2022 - Responsive Web Design
August 2022 - Front end Development Libraries
August 2022 - Data Visualization December 2022 - Algorithms and Data structure in Js.

EF International Language Centers February 2023 -

English EF SET B2