João Manuel Ramos Silva

FrontEnd | BackEnd | Fullstack Developer

25 / 02 / 1993
Ribeirão
Vila Nova de Famalicão
Portugal

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The creative process will always be a passion.

Languages:

- Portuguese
- English

Marking and styling:

HTML5, CSS3, Tailwind, bootstrap.

Databases:

MySQL e MongoDB.

Programming Languages and Frameworks:

Javascript, Typescript (Extensively used for both frontend and backend development).

Frontend: React.js, Next.js (Used for frontend UI development and server-side rendering).

Backend: PHP, Laravel, Node.js, Express.js, Next.js (Used for API routes and full-stack solutions).

Tests:

Jest, Supertest, React Testing Library

Tools:

Git, Postman, Docker, Figma, Photoshop, Illustrator, Premier, After Effects, Davinci Resolve, Autocad.

EXPERIENCE

CNC Operator/Programmer
Nouvelles Fermetures International

Jan 2015 - Presently
Recommendation letter

- Operating, programming and designing for 3-axis, 4-axis and cutting CNC machines.
- Manage the team's work.
- CNC machine maintenance and troubleshooting.
- Assembly of entrance doors.

Designer/Programmer
Ribeirão Futebol Clube

Oct 2016 - Apr 2019

Together with my wife, we solved the club's communication needs by designing weekly posters for matches and club events, creating promotional videos, creating a website to facilitate internal management and communication with the public.

Warehouse operator
Rangel Distribuição e Logística

Aug 2012 - Mar 2014

- Loading, machine and palletizing operator.

Intern
Oficina - Professional school of INA

Egor - Portugal Telecom, Santo Tirso   May 2011 - Jul 2011

- Call center employee.

Ricon SGPS - VN Famalicão   Feb 2010 - Mar 2010

- Computer Maintenance (Hardware and Software).

EDUCATION

Forklift operation: 19.4 (0-20)
Entreposto

Jul 2013

Computer Systems Management and Programming: 14 (0-20)
Oficina - Professional School of the Institute Nun'Alvres, Santo Tirso

Sep 2008 - Jul 2011
Level 4 QRQ

- Technical Training: Operating Systems, Computer Architecture, Communication Networks, Information Systems Programming.
- Professional aptitude test: 16 points with a library management website.
- Languages and programmes: HTML, CSS, Javascript, C++, PHP, Visual Basic, MySQL, Flash, Photoshop.

Computer training

Educativ, VN Famalicão

- Window XP, Word, Excel, Access, Power Point, Front Page, multimedia, internet.

Project Development   (2008 - Presente)

Since 2008, I have been creating study projects and developing solutions to meet specific needs, accumulating experience in various technologies and development methodologies.

Highlights of My Journey:

- Collaborative Support in the Workshop Course:
During my formation, as well as working on my own projects, I dedicated myself to helping colleagues overcome difficulties and significantly improve their work.

- Business projects:
  - **Blog for the News Group:** Development of a blog platform for a news group, enabling the publication and management of content.
  - **Website for a recycling company:** Creation of a website with an administrative panel for a local recycling company, highlighting its services and optimizing its online presence.
  - **System for Ribeirão FC:** Development of a website with an administrative panel to improve the external communication and internal management of the Ribeirão FC sports club.
  - **Technologies used:** HTML, CSS, JavaScript, PHP, MySQL.

- Specialization in JavaScript Ecosystem (2023):
Since the beginning of 2023, I've focused on deepening my knowledge of the JavaScript ecosystem, with an emphasis on JavaScript, TypeScript, Node.js, and frameworks such as React.js, Next.js and Express.js, as well as using MongoDB as a database.

- Highlighted projects: (More info: portfolio-joaosilva.vercel.app)

  - **E-commerce "JS Store":** (Demo online: js-store-app.vercel.app)
  Development of a modern e-commerce platform using Next.js with complete functionalities for end users and administrators.

  - **Institute Genesis:** (Demo online: instituto-genesis.com)
  Collaboration on the multifunctional web application for the Genesis Institute, focused on communication with the public, presentation of courses and sector news. My contribution:
    - Development of the backend in Express.js with TypeScript.
    - Configuration of the development environment and CI/CD pipeline for deployment on a serverless server.
    - Middleware and Next.js API for integration between frontend and backend.

  - **Visit Portugal:** (Demo online: visit-portugal.vercel.app)
  Creation of a responsive and intuitive web application to promote tourism in Portugal.

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I'm passionate about creating applications that simplify people's lives

My passion for programming started during my GPSI course. Over time, it grew into a commitment to creating impactful applications and advancing my career in software development.