JOSÉ
ROMÃO

Web Dev & Streamer

💻 Curious 90s Kid
💜 Passionate Coder & Gamer

CONTACT

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📍 Lisbon, Portugal

EDUCATION

Bachelor of Comp Science

FCT - Universidade Nova de Lisboa

2004 - 2010

- Several MSc-level classes finished: Database Systems, Distributed Systems, Development of Web Applications, Concurrent Programming, Artificial Intelligence
- Developed custom MVC framework in PHP for college project in DAW, receiving the highest grade.
- Several classes in Databases, Distributed Systems as well as the above project all used sanitized performant SQL queries, no ORM.
- Used Java, C++, C, JavaScript & SQL heavily as well as Python, PHP, Pascal & OCaml on occasion

LANGUAGES

Portuguese

English

Spanish

French

TRAITS

- Proven ability to transition between various programming languages, paradigms and environments.
- Decent background in Web Development, with some full-stack experience in and a focus on backend dev.
- Entrepreneurial spirit, with experience in self-employment and project management.
- Enjoys a good challenge.

PROFESSIONAL EXPERIENCE

ACADEMIC INTERNSHIP ➡ JUNIOR DEV (JAVA)   2010 - 2012
NOVABASE ENGINEERING SOLUTIONS

- Worked on planning and coding portions of Novabase's Governmental bid for a TGV infotainment system.
- Viability study to feature Contactless NFC for the train's infotainment systems.
- Primarily focused on intranet infrastructure aboard the train, some low-level communications in Java and participated in client projects helping establish Microservices (and API's).
- Achieved the highest grade among students during the academic internship.

FULL-STACK WEB DEV (PHP + JS)   2013 - 2016
PERSONAL BUSINESS, SELF-EMPLOYED

- Worked on various freelance web development projects, in PHP (2+ years)
- Used custom (6mo.) & several other PHP frameworks: Symfony (6mo.), Yii (1.5yr.) & a very early version of Laravel (~3mo.).
- Used both MySQL and PostgreSQL, with and without ORM.
- Experience in full-stack development (with a backend focus in PHP) and mild experience in front-end development, both with Native JS and React.

PARTNERED STREAMER & CONTENT CREATOR   2016 - 2022
@ MAJOREON, TWITCH - AMAZON

- Early Twitch consumer (2014), turned Streamer (Jan 2016), Partnered soon after (Nov.), Full-time Content Creator through 2016 to later 2022.
- **Relevance:** Also designed various custom widgets for Stream engagement (using JS & optimal solutions for the problems - SVG, CSS, Canvas & Web Components, Also experimented with React and Vue.js for this).
- Experienced with streaming-related tools & their basic scripting in Python.

ENTREPRENEUR, FULL-STACK WEB DEV (JS/TS)   2022 - 2024
N/A (TBD)

- Working on a big Full-stack project: Content Creation Assistance & Management platform with various tools/features (for the Stream ecosystem - currently Twitch, YT soon to follow) like CMS, CRM, Event Planning & Calendar, Content Management, Socials Management, Monetization Assistance and more.
- Full-stack development using TypeScript within Node.js (Express, Passport, Socket.io) and MongoDB, with a focus on performant code & queries, no ORM or overly abstracted libraries.
- Frontend development with TypeScript and Solid.js for enhanced reactivity. Solid was chosen for simple and performant reactive primitives.
- Large amount of Third-party API development & other tech choices: offloading heavier computations with threads and to other Microservices, using message queueing and real-time communication through Socket.io for some aspects.
- Game Recommendation tool has prompted some Machine Learning Python work as well.

SUMMARY OF SKILLS & PROJECTS

- Extensive experience in PHP, JavaScript and TypeScript, and earlier versions of well-known frameworks.
- Developed & sold, both native & third-party integrated custom widgets for Twitch streams.
- Created a sizeable project in a Node.js environment for a streaming-adjacent platform with various features and third-party API integrations.
- Experimenting with Python Machine Learning models for game clustering & recommendations.