

# José Inácio Castelo Branco Software Engineer

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 Lisbon, Portugal

 JoseInacio

 ZelnacioCB

Software Engineer with experience designing, rebuilding, and optimizing production web systems. Strong background in JavaScript, React, NextJS, SQL, and PHP, with a focus on performance, scalability, and system reliability. Proven track record of improving Core Web Vitals, reducing production errors, and modernizing legacy architectures in real-world applications.

## PROFESSIONAL EXPERIENCE

### Software Engineer, Odds Scanner Group

01/2023 – Present | Lisboa, Portugal

- Redevelopment of a large production website using React, NextJS and TailwindCSS, modernizing the stack with a scalable, maintainable solution ([odsscanner.com](#) 
- Improved Google PageSpeed scores on key pages from ~60 to 75+ on performance.
- Improved up to +90 and 100 on Accessibility and SEO scores respectively, significantly enhancing UX and SEO.
- Optimised Core Web Vitals metrics, reducing CLS by +80% and improving LCP by +1s on key pages.
- Identified and resolved frontend issues, significantly reducing production error logs and improving reliability.
- Developed and maintained modular, reusable UI components to support 10+ websites and future scalability with WordPress and PHP ([FogaoNet Apostas](#)  and [Correio Brasiliense Apostas](#) ).
- Built and maintained 5+ websites using a custom WordPress and PHP stack, ensuring consistency, maintainability, and performance across platforms
- Worked closely with backend systems (SQL, PHP) to support data-driven features and content pipelines.

### Freelance Software Developer

08/2022 – Present | Lisbon, Portugal

- Built and delivered full web solutions for clients using JavaScript, PHP, WordPress, and SQL.
- Developed dynamic backend features with PHP and Wordpress, integrating CSV-based data pipelines, enabling non-technical users to manage and update content ([Atlas](#)  and [Rainbow Map](#) ).
- Owned projects end-to-end, from requirements gathering to deployment and maintenance ([rodrigoalb.com](#) .

### Supply Chain Specialist, THE LIST

10/2021 – 08/2022 | Lisbon, Portugal

- Built internal tools with Javascript and Google Apps Script reducing operational process time by 30%.
- Integrated an API provider to manage international shipping with AI-powered Tax & Duty calculators.

### Supply Chain Specialist, Wildbran

02/2020 – 10/2021 | Lisbon, Portugal

- Developed an Information System for supply chain traceability of raw materials and production.
- Managed clients and suppliers, raw materials, production, and inbound/outbound logistics.

## EDUCATION

### Full-Stack Software Developer, 4Geeks Academy

2021 – 2022 | Lisbon, Portugal

Developed Fullstack skills with cutting-edge technologies. React, Javascript, Python and Flask.

### Master of Industrial Engineering and Management, IST

2016 – 2019 | Lisbon, Portugal

### Bachelor of Industrial Engineering and Management, IST

2012 – 2016 | Lisbon, Portugal

## SKILLS

React, NextJS, JavaScript, PHP, SQL, Tailwind CSS, WordPress, Python, Flask, Bootstrap, HTML5, CSS3, SEO, Responsive Design, Version Control (Git, BitBucket)

## LANGUAGES

Portuguese • English • Spanish

## INTERESTS

Sports, music and books addicted. Always looking forward to the next travel adventure.