

João Mendes

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ABOUT ME

- Software Developer with experience in backend, automation, and API integration, as well as in frontend development with React and TypeScript. Focused on building efficient and scalable solutions, with a strong commitment to code quality and collaboration within Agile teams.
- Co-creator of the ELF-Ripper extension for Visual Studio Code, currently used by over 1,000 users, optimizing the workflow of firmware development teams.
- At Bosch (Ovar), worked as a Full Stack Developer, contributing to projects for autonomous lawn-mowing robots and IoT products, developing APIs with Quarkus and web applications with React.
- Currently working as a freelancer, responsible for the maintenance and development of a company website, including the implementation of new features, domain and email management (Hostinger), and the creation of digital profiles in GitHub and Notion, ensuring smooth and efficient digital operations.
- Recently completed a Level 5 Python certification, aiming to strengthen backend Python skills while remaining open to other development roles that can benefit from my technical experience and versatility.

WORK EXPERIENCE

 **Pérola Humana** – Porto, Portugal

City: Porto | Country: Portugal

Freelancer - Web Developer

[07/2025 – Current]

- Responsible for maintaining and updating the company's website, ensuring platform stability and performance.
- Implemented new features and managed multilingual translations, enhancing overall user experience.
- Fully managed the digital infrastructure, including the creation and configuration of business emails, domain management, and control panel (Hostinger).
- Organized the IT Area by creating and managing the company's professional profiles on GitHub and Notion, ensuring an integrated and efficient digital operation.

Skills: JavaScript, React.js, HTML, CSS

 **Bosch** – Ovar, Portugal

City: Ovar | Country: Portugal

Full Stack Developer

[06/2023 – 12/2024]

- Developed the **ELF-Ripper VSCode extension**, facilitating firmware developers' work and improving team productivity.
- Worked on frontend and backend solutions for autonomous robotic lawn mowers, contributing to IoT product integration.
- Implemented a people management API with Quarkus, ensuring modular architecture and backend best practices.
- Built a React web application, providing an intuitive interface and API integration.
- Operated in an Agile environment, focusing on interdisciplinary collaboration, code reviews, and continuous delivery.

Skills: Python, Java, TypeScript, JavaScript, Quarkus, React.js, Next.js, Node.js, HTML, CSS, Tailwind, Shadcn/UI, Web Design, REST APIs, PostgreSQL, MySQL, Agile

 **WebHelp** – Porto, Portugal

City: Porto | Country: Portugal

Customer Technical Support

[02/2022 – 02/2023]

- Provided remote technical support in English for Apple products (iPhone, iPad, Mac, Apple Watch).
- Troubleshoot hardware and software issues, ensuring fast and effective solutions.
- Logged incidents and escalated complex cases to specialized teams.

Skills: Apple Ecosystem, Technical Support, Troubleshooting, English Communication

 **Randstad Portugal** – Porto, Portugal

City: Porto | Country: Portugal

Customer Support Advisor

[10/2019 – 02/2022]

- Delivered helpdesk support in English, Spanish, and Portuguese for international users.
- Managed real-time calls, solved technical issues, and escalated incidents to specialized teams.
- Moderated and reviewed user-submitted content (forums, reviews, Q&A), ensuring compliance with company policies.
- Analyzed reports of inappropriate content, enforcing rules and fostering a safe, collaborative digital environment.

Skills: Multilingual Support, Customer Service, Content Moderation, Incident Analysis

PROJECTS

[06/2023 – 12/2024]

ELF-Ripper VSCode extension designed to simplify analysis of **.ELF files** and optimize memory usage in embedded firmware projects.

- Provides comprehensive features offering detailed insights into memory allocation and ELF file structure.
- Enables developers to make informed decisions to optimize firmware builds and efficiently troubleshoot memory-related issues.

Link: <https://github.com/hmfcpt/elf-ripper-extension/tree/main?tab=readme-ov-file#elf-ripper>

EDUCATION AND TRAINING

Programação em Python

Serviço de Formação de Ciríaco Cardoso [04/2025 – 05/11/2025]

City: Porto | Country: Portugal | Level in EQF: EQF level 5

Software Development

CESAE Digital [02/2023 – 10/2023]

City: Porto | Country: Portugal | Website: https://www.cesaedigital.pt/curso/homepage/software_developer_prt_prt_v1 | Level in EQF: EQF level 4

Computer Science

Harvard CS50 [06/2025 – 12/2025]

Website: <https://pll.harvard.edu/course/cs50-introduction-computer-science>

LANGUAGE SKILLS

Mother tongue(s): Portuguese

Other language(s):

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Spanish

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user