

# João Mendes

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**GitHub:** <https://github.com/Mendes2099>

**Website:** <https://mendes2099.github.io/Personal-Website/>

**Home:** Porto (Portugal)

## 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 Ciriaco Cardoso* [ 04/2025 – 05/11/2025 ]

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

**Software Development**

*CESA Digital* [ 02/2023 – 10/2023 ]

City: Porto | Country: Portugal | Website: [https://www.cesaedigital.pt/curso/homepage/software\\_developer\\_prt\\_prt\\_v1](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