

# João Mendes

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**Home:** Porto (Portugal)

## ABOUT ME

Result-oriented Software Developer, specialized in Python for backend, automation, and scripting. Experienced in APIs (Quarkus) and frontend with React/TypeScript. Creator of productivity tools, including the **ELF-Ripper VSCode extension** used by over 800 users, used for optimizing workflow for development teams.

## WORK EXPERIENCE

### **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>

VOLUNTEERING

[ 07/2025 – Current ]

Gestor de TI e Desenvolvimento Web

- Responsible for website maintenance, updates and feature implementation.
- Managed the complete digital infrastructure, including business email setup, domain, and control panel (Hostinger).
- Organized IT operations, creating professional company profiles on GitHub and Notion, ensuring all digital processes run efficiently and integrated.

Link: <https://perolahumana.org/>

EDUCATION AND TRAINING

Programação em Python

Serviço de Formação de Ciríaco Cardoso [ 04/2025 – Current ]

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](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