



Gonçalo Amaro

SOFTWARE ENGINEER

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Skills

Programming Languages	JVM Ecosystem (Java and Kotlin), Shell Scripting, SQL, MongoDB Query Language
Backend Development	JVM Ecosystem (Spring Boot, Micronaut), RESTful APIs, Microservices, Database Management
Frontend Development	Basic React and Preact with HTML, CSS, JavaScript triad
Languages	Portuguese (Native), English (Fluent)

Experience

Link Consulting

Lisbon, Portugal (Remote)

ASSOCIATE CONSULTANT (JAVA BACKEND DEVELOPER)

Feb. 2023 - Present

- **EMSA - Maritime Safety (Dec. 2025 - Present)**
 - Integrated into a smaller team with the task of taming the jungle of old WebLogic services that support EMSA's safety and monitoring systems for European waters.
 - Focused on refactoring and migrating legacy services to modern Spring Boot applications, improving maintainability and performance.
- **MaxMat - Retail (Nov. 2024 - Dec. 2025)**
 - Worked on the Azure architecture for MaxMat's warehouse management and international e-commerce integrations.
 - Initially focused on designing backend solutions to streamline operations and enable seamless integration with external systems.
 - Later led the Dev core team, while focusing on the DevOps side of the project, implementing CI/CD pipelines and infrastructure as code using Bicep and Azure native services.
- **HF GIRO - Public Transport (Feb. 2023 - Nov. 2024)**
 - Worked on the HF GIRO system, the public transport solution for Madeira, enabling better management of ticketing and transportation networks.
 - Developed backend services with Java and Spring Boot, ensuring seamless integration with payment systems and real-time data processing.
 - Addressed technical challenges, including ensuring high availability and scaling the system for increased usage during peak times.

Link Consulting

Lisbon, Portugal

JUNIOR CONSULTANT (JAVA BACKEND DEVELOPER)

Jul. 2022 - Feb. 2023

- **Transportes Metropolitanos de Lisboa (TML)**
 - Contributed to developing the Transportes Metropolitanos de Lisboa system, managing public transportation across the Lisbon metropolitan area.
 - Focused primarily on backend development with Java and Spring Boot, while also handling challenges in frontend and DevOps.
 - Worked on payment gateway integration, ticketing systems, and data management systems to support operational needs.

Optiply

Évora, Portugal

BACKEND INTERN

Mar. 2022 - Jun. 2022

- **Backend Internship**
 - Completed a three-month internship in backend development. The internship consisted of a formative phase with Udemy courses and a project phase.
 - Developed a reactive microservice in Micronaut to manage webshop specifications and settings, storing data in a PostgreSQL database and using Project Reactor, gRPC, and Protobuf.

NOVABASE

Lisbon, Portugal

CYBERSECURITY INTERN

Nov. 2016 - Feb. 2017

- **Wireless Intrusion Detection System (wIDS)**
 - Participated in a professional internship focused on a wireless intrusion detection system (wIDS), which expanded my knowledge in penetration testing, networks, Linux, and coding.

Vodafone Portugal

Lisbon, Portugal

TECH SUPPORT INTERN

May 2016 - Jun. 2016

- **Call Center Operations Training**
 - Completed a school internship aimed at skill development. The experience primarily involved training for call center operations with limited exposure to technical work.

Education

IPBeja (Instituto Politécnico de Beja)

UNFINISHED MSC IN CYBERSECURITY

Beja, Portugal

Sept. 2022 - July 2023 (Paused)

- **Coursework Focus**

- Completed coursework on cybersecurity principles and practical implementations. Paused to explore other interests.

IPBeja (Instituto Politécnico de Beja)

BSC IN COMPUTER SCIENCE

Beja, Portugal

Sept. 2018 - July 2022

- **Key Focus**

- Focused on practical project-based learning, including app and service development, network infrastructure deployment, and data science.
- Gained hands-on experience in software development, project management, and teamwork.

IPE (Instituto dos Pupilos do Exército)

IT EQUIPMENT MANAGEMENT TECHNICIAN

Lisbon, Portugal

Sept. 2012 - July 2017

- **Certification Highlights**

- Earned a professional IT Technician certification. Activities included Linux Users Group and Entrepreneurship.