



# Vitor Aleluia

✉ vitoraleluia@outlook.pt ☎ 927431783 📍 Castelo Branco, Portugal

🌐 linkedin.com/in/vitoraleluia 🐙 github.com/vitoraleluia

## 🧠 Skills

**Frontend:** HTML, CSS, JavaScript

**Backend:** C# (ASP.NET MVC) | Java (Java EE, Spring/Spring Boot)

**DevOps:** Git (BitBucket/GitLab/GitHub) | Jira | Teamcity | Jenkins | Docker

## 📁 Professional Experience

### Software Developer

*Medialivre*

- Created a high-performance API to register user visits for metric collection, utilizing an in-memory queue and a denormalized database table to optimize performance.
- Migrated console applications and ASP.NET MVC projects from .NET Framework 4.7.2 to .NET 6 Core, using best practices like, the implementation of dependency injection and ensuring SOLID principles.

2024/03 – present

Castelo Branco,  
Portugal

### Associate Software Engineer

*Capgemini Engineering*

Project: Bouygues Telecom

- Developed RESTful and SOAP APIs using Java EE and Spring frameworks, ensuring seamless integration and efficient communication between systems.
- Conducted comprehensive unit testing using JUnit, Mockito and EasyMock frameworks to ensure code quality and identify and resolve defects.
- Implemented integration tests utilizing Citrus Framework, Postman, and ReadyAPI, validating the functionality and compatibility of system components and APIs.

2022/09 – 2024/03

Fundão, Portugal

## 🎓 Education

### Bachelor's Degree in Computer Science

*Instituto Politécnico de Castelo Branco*

- Represented Computer Science students in the Pedagogical Council during the academic year 2020/2021.
- Received a merit award for the best grade during the academic year of 2021/2022 in Escola Superior de Tecnologia de Castelo Branco.

2019/09 – 2022/09

Castelo Branco,  
Portugal

## 🌐 Languages

**Portuguese** – Native/Bilingual

**English** – Fluent

## 📄 Publications

### Livestock Monitoring Prototype Implementation and Validation [🔗](#)

2023/01

*RITA*

Vitor M. T. Aleluia, Vasco N. G. J. Soares, João M. L. P. Caldeira, Pedro D. Gaspar

### Livestock Monitoring: Approaches, Challenges and Opportunities [🔗](#)

2022/04

*IJEAT*

Vitor M. T. Aleluia, Vasco N. G. J. Soares, João M. L. P. Caldeira, António M. Rodrigues