

Horacio Fiasco

Junior Java Developer

Lisbon, Portugal (Ready to relocate worldwide)

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PROFESSIONAL SUMMARY

Java Developer with a degree in **Computer Science**, fluent in English, and practical experience in the development and deployment of scalable software using **Java** and **Spring Boot**. Focused on **backend development**, implementing **unit and integration tests**, as well as optimising systems for efficiency and reliability. Proven track record of delivering production-ready applications, including hands-on experience deploying projects to **AWS** and automating **CI/CD** pipelines with **GitHub Actions**.

PROJECTS

Event Clean ([Repository](#))

November 2024

An application for event ticket registration and control for producers and organisers, built to be scalable and easy to maintain in **Java 17**, using **Clean Architecture**, **SOLID** principles, tested with **JUnit** and **Mockito**, and deployed on an **AWS EC2** instance with **CI/CD** automation via **GitHub Actions**..

Responsibilities:

- Implemented **Clean Architecture** with **Spring Boot**, creating a **RESTful API** based on the **Domain Model**, with gateways and use cases to facilitate integration with external services.
- Developed integration tests for core classes and focused on detailed unit tests using **Mockito** and **JUnit** for use cases, achieving **68%** total test coverage in the project.
- Configured and used an in-memory **database (H2)** for local testing and began implementing Amazon **RDS** in **AWS** for the production environment..
- Utilised **Docker**, ensuring portability and simplifying environment configuration, including using databases such as **PostgreSQL**
- Implemented **CI/CD** pipelines using **GitHub Actions** to automate build, test, and deployment processes, ensuring fast and reliable delivery.

MovieFlix ([Repository](#))

Setembro 2024

A catalogue application for movies and series, with user **registration** and **authentication**, built to be scalable and easy to maintain, using **Java 17**, **Spring Boot**, **Spring Security**, and **JWT** for security, as well as **Swagger** for documentation.

Responsibilities:

- **Authentication and Security:** Configured **Spring Security** for authentication with **JWT**, ensuring application security with **refresh tokens** and controlling access to sensitive routes.
- **Database:** Used **PostgreSQL** as the main database and implemented migrations with **Flyway** for **database versioning**.
- **API Documentation:** Implemented API documentation with **Swagger/OpenAPI**, providing an interactive interface for developers and facilitating integration with other systems.
- **Docker and Containerisation:** Used **Docker** to containerise the application, ensuring portability and simplifying development and **production environment** configuration.

EDUCATION

2019 - 2023

University XYZ, Rio de Janeiro
Bachelor's in Computer Science

Academic Project:

- **AmassaAi:** A university project that calculated the percentage of fat and harmful ingredients in processed foods. The project involved **15 students**, and I led the backend implementation, while the frontend was developed using **Dart** and **Flutter**.

Tutoring:

- Tutor for **17 students** in **Algorithms** and **Data Structures** in **C** and **Java**.
- Tutor for **Object-Oriented Programming**

LANGUAGES

English – Fluent
French – Basic

TECHNICAL SKILLS

- **Programming Languages:** Java (JDK 17), SQL
- **Frameworks:** Spring Boot, Spring Security, Spring Data JPA, Hibernate
- **Database Management:** MySQL, PostgreSQL, Oracle DB, MongoDB
- **Version Control:** Git, GitHub
- **APIs and Integration:** RESTful APIs, JWT Authentication, Microservices
- **Testing Frameworks:** JUnit, Mockito, TestContainers
- **Cloud Platforms:** AWS (EC2, RDS)
- **DevOps Tools:** GitHub Actions (CI/CD Pipelines)