





# Bernardo Barbosa Amorim Junior Software Developer

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## Professional Experience

- February 2024 - Ongoing: Junior Interoperability Technician @ Prologica:  
Interoperability between heterogeneous healthcare systems.  
Development of HL7 interfaces using C# with .NET Core, Mirth Connect, PostgreSQL and JavaScript.

## Education

- September 2022 - July 2024: Professional Higher Technician in Software Development @ Escola Superior Aveiro Norte - Universidade de Aveiro  
Academic Projects:
  - Ski Resort Management System: Developed in Python using the Pygame, Pandas and QRCode libraries. An Excel file was used as the database. This project was developed for the "Algorithms and Programming" class.
  - Cocktail Machine: Developed in C/C++ and Java for the "Microcontrollers and Microprocessors" and "Object Oriented Programming" classes. It uses an Arduino to control a servo motor and peristaltic pumps. The JavaFX library was used to create a graphical interface presented on a screen.
  - Online casino: Developed using MariaDB as the database, an admin dashboard developed in PHP using TailwindCSS and HTMX and the casino itself developed using the Flutter, with a focus on the Android platform.

## Personal Projects

I have various personal projects on my GitHub profile, including:

- Simple Radio: A very simple online radio player developed in Flutter.
- Piggy Planner: A self hostable and easy to use finance tracker. It is developed in Go using the Echo framework and SQLite as the database. It's fully server-side rendered with the frontend developed in HTML+CSS and JavaScript using the DaisyUI, TailwindCSS, HTMX and AlpineJS libraries.

## Technical Skills

- Languages: Python, PHP, Dart, HTML+CSS, JavaScript, TypeScript, Java, C#, Go
- Databases: MySQL, MariaDB, PostgreSQL, SQLite, Oracle Database, SQL Server
- Frameworks/Libraries: Flutter, JavaFX, TailwindCSS, DaisyUI, .NET Core
- Tools: Git, GitHub, Gitlab, Figma, Docker, Podman, Mirth Connect, Ollama

I also use Linux as my main operating system for both development and personal use.

## Soft Skills

- Team spirit acquired through the practice of competitive sports
- Sense of organization and responsibility
- Adaptability to different environments

## Language Skills

- Portuguese: Native
- English: C1