

# BRUNO TAVARES

## SOFTWARE ENGINEER



### CONTACT

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### WORK EXPERIENCE

#### Multitask Café Assistant

- Tasca do Chameau
- Jun 2022 - Sep 2022

#### Cashier

- Continente
- Jul 2023 - Sep 2023

### EDUCATION

Computer Science Engineering  
BSc Degree  
University Aveiro 2021-2025

### EXTRACURRICULAR ACTIVITIES

#### ENEI (Encontro Nacional de Estudantes de Informática)

- Aveiro, Portugal
- 28 Sep - 01 Oct



### PROFILE

I have recently completed my Bachelor's degree in Computer Science Engineering at the University of Aveiro. Currently, I am co-authoring a scientific article with my academic advisor on data provenance and W3C tables. I am a clear and effective communicator, with strong organizational skills and a results-driven approach in team settings. I am now seeking new challenges where I can apply and deepen my knowledge in software development, while contributing meaningfully to research and innovation.



### PROJECTS

[more projects in my website](#)

#### bookingMoliceiro

Backend application for meal reservations with weather API integration and external API caching.

**Tags:** Spring Boot, REST API, React, MySQL, Caching, OpenWeatherMap API, Selenium, SonarQube, GitHub Actions

#### beachControl

BeachControl is an application with microservices in Spring Boot and RabbitMQ, generating and providing real-time beach data with a React frontend.

**Tags:** Spring Boot, MongoDB, React, Docker, RabbitMQ, Microservice, REST API

#### clisacor

Database system for managing consultations and patients for Clisacor Clinic, with normalized schema and SQL procedures.

**Tags:** SQL, Stored Procedures, Triggers, Indexing, Hashing, ER Diagram.

#### olympics

Interactive website project about the Olympic Games using HTML, CSS, JavaScript, and integration with the University of Aveiro's internal API.

**Tags:** HTML, CSS, JavaScript, API, Bootstrap, Dark Mode, GitHub Actions

#### open-data-portal

Open Data Portal for maritime port management with data provenance tracking, quality control, and outlier detection to enhance decision-making.

**Tags:** Spring Boot, ReactJS, Python (Microservices), Data Provenance, W3C Tables, Machine Learning, Outlier Detection, SQL Server, FastAPI, Docker



### SKILLS

#### Tools, Languages and Frameworks

Python, Java, Git, HTML, CSS, JavaScript, SQL, MongoDB, CassandraDB, Redis, Docker, Jira, SpringBoot, Maven, ReactJS, FastApi, Flask, pandas, numPy, NodeJs, PostgreSQL

#### Languages

Portuguese and English