



# Rodrigo Maduro

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## ABOUT ME

Third-year student in Computer Engineering, with knowledge in various programming languages. I demonstrate strong skills in object-oriented programming, databases, and the use of software design patterns, combined with a proactive approach to problem-solving. Committed to innovation and continuous learning, I seek opportunities to effectively contribute to challenging projects, while enhancing my skills in the technology field.

## WORK EXPERIENCE

01/07/2024 – 31/07/2024 Seixal, Portugal

**FRONTEND DEVELOPER** PETROTEC

### Main Technologies:

- Vue.js
- Vuex Store
- Bootstrap & Bootstrap Vue
- Node.js
- REST APIs

### Main Activities and Responsibilities:

- **Frontend Development:** Creation of responsive and intuitive interfaces using Bootstrap Vue.
- **State Management:** Implementation of Vuex Store to centralize and manage the state of the web application, ensuring a well-organized and efficient architecture.
- **Node.js Application Development:** Implementation of an OTP (One-Time Password) system for the login logic of the configurator, using Node.js.

**Business or Sector** Manufacturing | **Department** Systems Development | **Website** <https://www.petrotec.com/>

## EDUCATION AND TRAINING

2022 – CURRENT Setúbal, Portugal

**BACHELOR'S DEGREE IN COMPUTER ENGINEERING** Instituto Politécnico de Setúbal

The course currently provides a solid foundation in programming, database modeling, and software design patterns. Throughout this academic journey, I have been developing essential skills in creating efficient and modular solutions, as well as gaining a practical understanding of best development practices. I am deepening my knowledge of fundamental tools, strengthening my ability to contribute effectively to collaborative projects.

**Website** [https://www.ips.pt/ips\\_si/web\\_page.inicial](https://www.ips.pt/ips_si/web_page.inicial) | **Field of study** Software and applications development and analysis |

**Level in EQF** EQF level 6 | **Type of credits** ECTS | **Number of credits** 180

2022 Barreiro, Portugal

**C1 ADVANCED** Cambridge English

I possess advanced proficiency in English, certified by the Cambridge English Advanced (CAE) certificate. This attests to my advanced competence in the English language, qualifying me for complex interactions in academic and professional environments. This proficiency is a valuable asset for tackling challenges and opportunities that require advanced language skills in a global context.

**Website** <https://www.cambridgeenglish.org> | **Field of study** Personal skills and development

This course at the then renowned Harrow House International College provided an enriching educational experience, consolidating my proficiency in English. I participated in intensive classes that focused on improving my oral and written communication skills, as well as in-depth understanding of grammar and vocabulary.

**Field of study** Personal skills and development

● **LANGUAGE SKILLS**

Mother tongue(s): **PORTUGUESE**

Other language(s):

|         | UNDERSTANDING |         | SPEAKING          |                    | WRITING |
|---------|---------------|---------|-------------------|--------------------|---------|
|         | Listening     | Reading | Spoken production | Spoken interaction |         |
| ENGLISH | C1            | C1      | C1                | C1                 | C1      |

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

● **DIGITAL SKILLS**

Microsoft Office | Conhecimentos de GitHub | Git (Basic) | Java | Python | MySQL | SQL | T-SQL | SQL Server | C | C# | HTML | CSS | JavaScript | JSON | Vue.js | Bootstrap | Vuex Store | Node.js