

# CECILIA MARÇAL

SOFTWARE DEVELOPER



## SUMMARY

I hold a Master's degree in Advanced Optometry and have transitioned to a career in programming.

With a year and a half of professional experience, I am now focused on specializing as a Frontend Developer, with an emphasis on Javascript and React technologies.

I'm eager to explore new technologies and open to embracing fresh opportunities in the field.

*I used to improve eyesight, now I'm all about improving websites!*

## SKILLS

Javascript	<div><div></div></div>
ReactJS	<div><div></div></div>
HTML/CSS	<div><div></div></div>
C#	<div><div></div></div>
C/C++	<div><div></div></div>
Java	<div><div></div></div>
Python	<div><div></div></div>

## LANGUAGES

Portuguese	N
English	B2
French	C2

## CONTACT

LinkedIn  
 cecilia.marcal@outlook.com  
 Braga, Portugal

## WORK EXPERIENCE

### Full Stack Developer

Neadvance: Machine Vision for Industry 4.0. (Sep 23-Present)

Developed a web application from scratch, leveraging **Confluence**, **Jira**, and **Bitbucket** for collaboration and project management.

**Software:** ReactJS, Javascript, NextJS, React Native, Tailwind CSS, Jest, Playwright.

- Developed a **.NET** platform integrating AI for product display management.
- Connected Next.js frontends to low-code backends via **WebSockets** and to Python backends via **FastAPI**.
- Successfully replicated three projects from the original low-code platform in **Next.js**.
- Utilized **Jest** for unit testing of components and WebSockets, ensuring functionality, and **Playwright** for end-to-end testing to validate real-world application behavior.
- Developing a **React Native** application to integrate AI powered by the back-end model, designing the interface for seamless client interaction.
- Used **Tailwind CSS** for styling and responsive design.

## EDUCATION

### The Web Developer Bootcamp 2024

70h - 2024

Full Stack development course.

**Software:** HTML, CSS, JavaScript, React, Node.

### CESAE- Software Developer

1000h - Mar 2023

Completed a Web and Mobile Programming course, focusing on software architecture, database design, web development, and mobile app creation.

**Languages:** C#, Andoid, IOS, HTML5, CSS, JavaScript, PHP (framework laravel), SQL, UML, AGILE methodologies and Scrum.

### 42Porto- Programming Academy

2022-2023

Attended 42 School, where I honed my programming skills and developed strong communication and teamwork abilities through collaborative projects.

**Software:** C.

### Distributed Systems Programming in Java

150h - 2023

Fundamentals of the Java language.

Distributed systems programming - Java.

**Software:** HTML, CSS, JavaScript, React, Node.

### freeCodeCamp- Responsive Web Design

300h - 2022

Master HTML and CSS by building projects like a responsive photo gallery and a magazine layout using Flexbox and CSS Grid.

**Software:** HTML, CSS.

### EISNT- Algorithms

25h - 2022

Python essentials-Entry level.

**Software:** Python.