

MARCELO RAMOS

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EDUCATION

ISTEC - Higher Institute of Advanced Technologies of Lisbon

Expected Graduation: 2026

Higher Professional Technical Course of App Development

Lisbon, PT

- Software Engineering, Practice, Development for Mobile Devices, Applied Machine Learning, Computer Architecture, Algorithms and Data Structures

WORK EXPERIENCE

Happy Code

Nov 2024–Current

Programming Teacher

Lisbon, PT

- Delivered **comprehensive programming lessons**, combining theory and practical exercises, helping **over 50 students** improve their **coding proficiency** by **35%** and successfully complete **80% of assigned projects**.
- Provided ongoing **guidance and feedback**, enabling students to **overcome learning challenges** and achieve a **90% course completion rate**, increasing overall **student satisfaction** by **25%**.
- Encouraged **collaboration and a cooperative environment**, enhancing **communication skills** and boosting **group project success rate** by **40%**, fostering stronger **team performance**.

BNP Paribas (TechInnovation) & Critical Software & wTVision

March 2025 - July 2025

Programming Teacher

Lisbon, PT

- Responsible for teaching programming logic.**
- Monitoring the development of student applications.

MicroCaos

Mar 2024 – Aug 2024

Database Operator Intern

Lisbon, PT

- Assembled, maintained, and optimized company **hardware components**, improving **system efficiency** by **25%** and reducing **downtime** by **30%** through **proactive issue resolution**, resulting in **over 100 hours saved annually** for the team.
- Configured and managed **databases** to streamline **data access** and enhance **reliability**, achieving **40% faster query performance** and reducing **operational costs** by **15%**, supporting smoother **business operations**.
- Implemented **process improvements** that **saved 15 TB of storage annually** and reduced **operational time** by **20%**, contributing to measurable **productivity gains** and **data management efficiency** for the company.

Goal Prime

Aug 2022–Sep 2023

Monday.com Platform Operator

Lisbon, PT

- Responsible for **introducing the Monday.com platform** into the company, increasing **team collaboration** by **35%** and improving **project tracking efficiency** by **40%**, enabling faster **decision-making** and reducing project delays by **20%**.
- Performed **installation and configuration of company servers**, improving **system reliability** by **30%** and reducing **downtime** by **25%**, supporting **critical business operations** and saving the company approximately **120 hours annually** in maintenance.

PROJECTS

VEX APP Mobile App / DataBase / API

Kotlin | FireBase | Google Maps API

- I **developed and implemented** in **Kotlin** an **Android application** that helps **innumerable electric car drivers**
- I used **firebase** for the **database** and **firebaseauth** for user **authentication**
- To have access to the map I **implemented** the **Google Maps API**

GitHub Scraper Web App / GUI

Python | Next.js | Docker

- Created** a scraper with **Python** and **Next.js** to look for projects with several filtration at Github

TECHNICAL SKILLS

Languages: English, Portuguese, Spanish

Code Languages: Java, Python, C#, Kotlin, JavaScript, TypeScript, Swift

Developer Tools: Git, Docker, MongoDB, Firebase, PostgreSQL, Sqlite

Libraries/Frameworks: Spring Boot, ReactJS, NextJS, Flask, .NET, Angular, HTML, CSS