

Rodrigo Barrocas

Full Stack Developer

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☎ 963757319

🌐 Rodrigo Barrocas

📍 Lisboa, Portugal

🔗 My GitHub repository

🇵🇹 Portuguese



PROFESSIONAL EXPERIENCE

March 2022 –

May 2024

Lisbon, Portugal

Web 360 Labs

Full Stack Blockchain Developer

- Design the smartcontracts' class diagrams using ERC20, ERC721, ERC1155, Chainlink's Oracle, Diamond Pattern and Modulation for upgradability.
- Coded and tested the previous schema using Solidity, Typescript, HardHat, Chai, Mocha, Echdina, Slither and Mythril.
- Achieved Hacken security audit score 10/10 on said contracts.
- Second biggest contributor to both company websites.

May 2023 –

December 2023

Faro, Portugal

Einstein explicações

Full Stack Development

- Developed a platform enabling teachers to schedule classes at specific times and rooms, ensuring no concurrent bookings of the same classroom.
- Teacher can set class summaries and track student attendance.
- Backoffice allows centre manager to check all scheduled classes and rooms, students and teachers information as well as manage the database.
- Used Node.js, Next.js, Ant Design, Bcrypt, Jodit Editor, Next-Auth, TailwindCSS, Zustand.
- Project started using GraphQL, since then has been updated to a MariaDB SQL Database.

2024 – 2024

Lisboa, Portugal

Sondagens Info [↗](#)

Founder/Developer

- Coded an community poll platform for Portuguese 2024 Legislative Elections
- Used Next.JS, Zustand, Ant Desing, Firebase, TailwindCSS, Re-Charts.

September 2023 –

March 2024

Faro, Portugal

Einstein explicações

Mathematics tutor

- Mathematics tutor for 12th-grade students.
- Analyzed students' difficulties and prepared tailored class materials to address these challenges.

- This work resulted in increasing the students' grades over the year.

2016 – 2017
Moncarapacho,
Portugal

Aprender Bué
Chess tutor

EDUCATION

October 2018 –
June 2024
Lisboa, Portugal

Faculdade de Ciências da Universidade de Lisboa [✉](#)
Computer Science Degree

- Acquired skills in designing, developing, and managing computer systems in information systems, computer networks, and intelligent systems.
- Developed applications for various devices, including telecommunications, finance, healthcare, and gaming.
- Expertise in software engineering, web development, multimedia, cloud computing, cybersecurity, human-computer interaction and distributed systems.
- Excelled in some disciplines:
 - Artificial intelligence - 13 (5th best grade of the year)
 - Informational Systems Projects (Angular full stack) - 14
 - Networks - 15
 - Calculus - 17

September 2022 –
December 2022

Encode Club [✉](#)
Solidity Bootcamp

- Learned smartcontract's security techniques.
- The final project was a Youtube/Twitch like platform for web3.

SKILLS

Next.js, React.js, Vite, Solidity, Javascript, Java, HTML, CSS, Typescript, Python, Zustand, Next-Auth, React-Joyride, Web3.js, Wagmi.js, Viem.js, NoSQL, MariaDB(SQL), GraphQL, UX/UI, Tailwind CSS, Ant Design, Firebase

LANGUAGES

Portuguese – Native/Bilingual

English – Fluent

Spanish – Conversational