RODRIGO FERNANDES

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OBJECTIVE

As a Junior Software Engineer, I am seeking a Frontend or Mobile Development role in a dynamic and innovative company. I've co-founded a startup that digitalized event ticketing and consumption and developed its app and website frontend. Additionally, I am in the last year of my Master's in Aerospace Engineering at IST.

EXPERIENCE

Co-Founder & Frontend/Mobile Developer — **outGoing**   **11/2021 - Present**
- **outGoing** is a startup that facilitates the **purchase of tickets and consumables at events** as well as their management through a digital platform. Its MVP is currently being used at academic events in Lisbon.
- Developed and maintained the app using **React Native**, **Expo** and the website frontend using **React** and **TypeScript/JavaScript** as well as connecting both to the backend on AWS using **GraphQL**.
- Lead and organized a team of three with an Agile methodology
- Pitched the platform to clients and partners and coordinated its implementation in their events.

PROJECTS

NFTRenter
- The **NFT Renter dApp** is a decentralized application that allows users to safely **rent NFTs from other users without collateral** using an escrow smart contract. It was built using **Next.js**, **TypeScript**, **Tailwind CSS**, **Solidity**, **Hardhat**, and **ethers.js**.
- It's deployed on nft-renter.vercel.app and the code is available on https://github.com/rodrigof1307/nft-renter.

Learning Projects
- **Learning Projects** is a Github repository that contains small **simple projects** that I built to **learn new technologies, frameworks, APIs, or programming languages**.
- The code is available on https://github.com/rodrigof1307/learning-projects.

EDUCATION

Master of Science in Aerospace Engineering   **09/2021 – 07/2023**
Instituto Superior Técnico   *Lisbon, Portugal*
- Major in **Aircraft**, Minor in both **Structures and Materials** and **Entrepreneurship and Innovation**
- Relevant courses: Aeroelasticity, Product and Service Development, Engineering Economics
- Extracurricular Activities: JUNITEC
- GPA: **18/20**

Bachelor of Science in Aerospace Engineering   **09/2018 – 07/2021**
Instituto Superior Técnico   *Lisbon, Portugal*
- Relevant courses: Programming, Digital Systems, Differential and Integral Calculus I and II, Linear Algebra
- Extracurricular Activities: JUNITEC, Aerotec
- GPA: **17/20**

TECHNICAL SKILLS

- **Frontend & Mobile:** Next.js, React, React Native, Expo, JavaScript, TypeScript, HTML, CSS, Bootstrap, Tailwind CSS

- **Backend & Blockchain:** Node.js, GraphQL, C, Solidity, Hardhat, ethers.js

- **Others:** Git, ClickUp, Figma

CERTIFICATIONS

Ethereum Developer Bootcamp - Alchemy University

TypeScript for Front-End Developers - Educative

React for Front-End Developers - Educative