




# RODRIGO FERNANDES

Lisbon, Portugal

✉ [rodrigo.fernandes.1307@gmail.com](mailto:rodrigo.fernandes.1307@gmail.com)  [rodrigof1307](https://www.linkedin.com/in/rodrigof1307)  [rodrigof1307](https://github.com/rodrigof1307)  [www.rodrigof1307.com](https://www.rodrigof1307.com)

## OBJECTIVE

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As a Software Engineer with 1.5 years of experience, I'm seeking a role where I can embrace more responsibility and grow from a Frontend or Mobile role to a Full Stack role. Through co-founding outGoing, a startup that digitalizes ticketing and consumption events, I gained valuable experience in fast-paced environments as I single-handedly developed the app and website frontend and managed a team of three developers.

## TECHNICAL SKILLS

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- **Frontend & Mobile:** Next.js, React, React Native, Expo, JavaScript, TypeScript, Redux, Jest, Bootstrap, Tailwind CSS
- **Backend & Blockchain:** Node.js, GraphQL, Solidity, Hardhat, ethers.js

## EXPERIENCE

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### Co-Founder & Frontend/Mobile Developer — outGoing Nov. 2021 - Present

- Single-handedly developed a website frontend that allows organizers to create and edit events as well as visualize statistics and perform ticket refunds. Used **React**, **JavaScript**, **TypeScript** and **GraphQL** to connect to an AWS backend.
- Single-handedly developed an app that allows users to buy and share with friends both tickets and consumables. Additionally, it allows collaborators to validate tickets and consumable purchased. Used **React Native**, **Expo**, **JavaScript**, **TypeScript** and **GraphQL** to connect to an AWS backend.
- Lead and organized a team of three developers with an Agile methodology
- Pitched the platform to clients and partners and coordinated its implementation in 8 events, totaling **5000** users, **3500** tickets and **6000** consumables sold.

## PROJECTS

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### 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 developed as the final project for Alchemy University's "Ethereum Developer Bootcamp" and it was built using **Next.js**, **TypeScript**, **Tailwind CSS**, **Solidity**, **Hardhat**, and **ethers.js**.
- It's deployed on the Goerli Testnet and it's also available on the following link while the code is available on [github.com/rodrigof1307/nft-renter](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 [github.com/rodrigof1307/learning-projects](https://github.com/rodrigof1307/learning-projects).

## EDUCATION

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### Master of Science in Aerospace Engineering

Sept. 2021 – July 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

Sept. 2018 – July 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**