




# RODRIGO FERNANDES

Lisbon, Portugal

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## 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, wagmi, viem

## EXPERIENCE

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### Co-Founder & Frontend/Mobile Developer — outGoing Nov. 2021 - May 2023

- 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 12 events, totaling **7000 users**, **4000 tickets** and **17000 consumables sold**.

## PROJECTS

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### NFT Renter

- The NFT Renter dApp is a decentralized application that allows users to rent NFTs from other users with both collateralized and non-collateralized options being available. It was developed as the final project for the Alchemy University's "Ethereum Developer Bootcamp" and built using **Next.js**, **TypeScript**, **Tailwind CSS**, **Solidity**, **Hardhat**, and **ethers.js**, **wagmi** and **viem**.
- It's deployed on Sepolia and on [nft-renter.vercel.app](https://nft-renter.vercel.app). The code is on [github.com/rodrigof1307/nft-renter](https://github.com/rodrigof1307/nft-renter).

### Bug Pointer

- Bug Pointer is a bug bounty platform that effectively addresses the challenge of Sybil attacks using Worldcoin's ZK proof of personhood system. It was developed during the ETHGlobal Lisbon Hackathon and was awarded Chainlink's Best Hack prize and Worldcoin's Honorable Mention prize and built using **Next.js**, **TypeScript**, **Tailwind CSS**, **Solidity**, **wagmi** and **viem**.
- It's deployed on Polygon's mainnet and can be seen on [ethglobal.com/showcase/bug-pointer-w09cr](https://ethglobal.com/showcase/bug-pointer-w09cr).

## EDUCATION

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### Integrated Masters in Aerospace Engineering

Sept. 2018 – July 2023

*Instituto Superior Técnico*

*Lisbon, Portugal*

- Major in Aircraft, Minor in both Structures and Materials and Entrepreneurship and Innovation
- Extracurricular Activities: JUNITEC, Aerotec
- Masters GPA: **18/20**
- Bachelors GPA: **17/20**