







## Henrique Sousa

### Full Stack Software Engineer

 I consider myself to be a tech enthusiast. I like to develop and learn about everything tech related. I often embrace new challenges and I enjoy to solve daily problems with the help of technology. Currently, I'm working as a freelance software engineer under the name "Sousa Dev".

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### Hobbies and interests

- Music • Software Development
- Artificial Intelligence • Sports
- App Development • Machine Learning

## IT Experience

### App Development using **Flutter**

Jun 2023 - Current

Development of the Bus Schedule App for São Miguel Island in flutter. Currently working on an **iOS** and **Android** version

### **Full Stack** Development

Jun 2021 - Current

Full Stack Development using **Django** with a database in **PostgreSQL** deployed in a **VPS** (with Docker) and webapp with **HTML**, **CSS** and **JS** (previously self-hosted on a Raspberry Pi). Also developing **Software Solutions** for local businesses using **Django** for both **backend** and **frontend** development.

### **Research** Initiation Grant

Apr 2022 - Apr 2023

Student Researcher at **Instituto de Telecomunicações** (IT). Worked with **UAVs**, **Kuberbenetes** (K8s and K3s) and **Networking**.

### App Development using **Android Studio**

Jun 2021 - Jun 2023

Development of an app for the Bus Schedule of São Miguel and Terceira islands, in order to help residents and tourists to easily travel by bus on the island

### App Development using **Thunkable**

Mar 2019 - Jul 2020

Development of two mini games and the early stages of the "São Miguel Bus" android application

## Academic Education

### University of Aveiro

Sep 2022 - Jul 2024

**Master's Degree in Robotics and Intelligent Systems**

### University of Aveiro

Sep 2019 - Jul 2022

**Bachelor's Degree in Software Engineering**

### Machine Learning - Coursera

Issued Sep 2021

Online course without academic credit authorized by **Stanford University**