# João Santos

## Full-Stack Developer

## Personal Info

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## Languages

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|---|---|---|
| 🇵🇹 | Portuguese | C2 |
| 🇬🇧 | English | C2 |
| 🇫🇷 | French | B2 |
| 🇮🇹 | Italian | B2 |
| 🇪🇸 | Spanish | B1 |

## Tech Stack

JS · React · ember · node · express · NEXT.js · php · Laravel · Python · R · C · C++ · docker · MySQL · PostgreSQL

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With a **background in Medicine** and **6+ years of clinical practice**, I grew tired of working with poorly-designed and non-intuitive software. **Healthcare software needs a dramatic uplift**, and I decided to be part of that change.

The **turning point** came when working on the thesis of my Masters in Clinical Nutrition: I did a **datascience project** involving geospatial data analysis with Python and R. I liked it so much that I enrolled at 42 to become a programmer and ended up dropping my residence with only 1y left to finish.

Passionate and curious by nature, **I love to learn and be challenged**. At haelsi, I am lucky enough to have both, and I get to build software for my fellow colleagues!

## Experience

**Oct 2022 - present** — **Full Stack Developer (remote)** — haelsi (Vienna)

- Leveraging my background as a doctor to develop a user-centric **EMR** software

- Collaborating with a cross-functional team in a **full remote** work environment

- Maintaining and enhancing an existing web application, using **Ember.js** on the frontend and **Laravel (PHP)** on the backend

- **Containerising** the existent web application to create a staging environment

- Conducting comprehensive **testing** (**QUnit** and **PHPUnit**) and **debugging**

- Utilising **Python** for creating scripts and automation tools and streamlining manual tasks

- Conducting thorough **code reviews**, debugging, and **bug fixing**

- Working in an **agile** environment, including daily stand-ups, sprint planning, and retrospectives, to ensure timely project delivery

- Collaborating with stakeholders and end users, to gather feedback and implement new features

**Jan 2022 - Jun 2022** — **Software Engineer Intern** — Critical Techworks (Lisbon)

- Working on the **frontend** of BMW's cars' infotainment, developing the Human Machine Interface (**HMI**) of the Navigation panel

- Maintaining the existing codebase (in **C++**)

- Adding new **features** and making **Unit Tests**

- Adding new UI with the **QT** framework

**Jun 2020 - Dec 2021** — **Graduate Student Researcher** — Universidade de Lisboa

The thesis of my Master degree in Clinical Nutrition involved:

- Geospatial data analysis using **Python** and **R**

- Making use of **Jupiter notebook** and **geopandas**

**Oct 2014 - Jul 2021** — **Medical Doctor** — ARSLVT (Lisbon), APHP (Paris)

- Medical student and resident "*externe*" in **Paris** (Oct 2014 - Jul 2016)

- Clerkship in **Uppsala** (Jul 2015)

- GP resident in **Lisbon** + working shifts in the **ER department** of the largest hospital in the country (Mar 2018 - Jul 2021)

## Education

**Oct 2020 - Oct 2022** — **Software Engineering Course**
*42 Lisboa*

**Sep 2018 - Dec 2021** — **Master's Degree in Clinical Nutrition**
*Universidade de Lisboa*

**Sep 2010 - Jul 2016** — **Doctor of Medicine**
*Universidade de Lisboa & Pierre et Marie Curie Université*

## Hobbies

Cycling   Hiking   Cooking   Reading   Learning   Traveling   Sailing