

João Santos

Backend Developer



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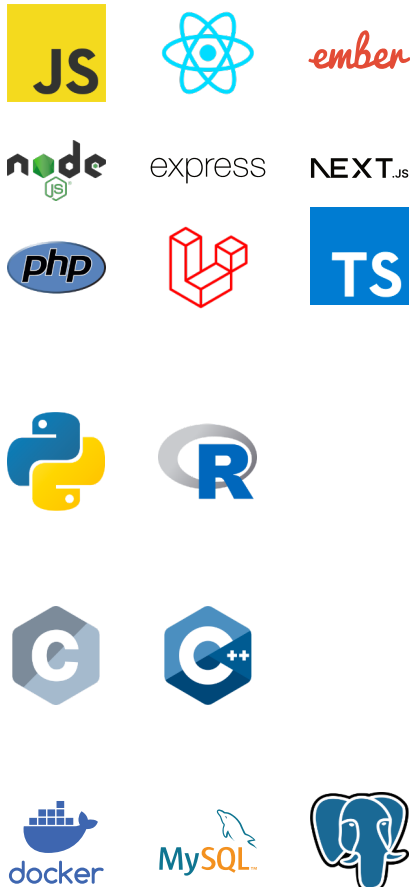


Bari, IT

Languages

	Portuguese	C2
	English	C2
	French	B2
	Italian	B2
	Spanish	B1

Tech Stack



As a **medical doctor** with **6+** years of clinical practice, I experienced first-hand the flaws in clinical software design. Several factors came together to spark my career change, but the **poor UX** and the **unintuitive UI** were among the main ones. I heard so many colleagues of mine complaining about it (and so did I!) that I eventually decided to be part of the solution. With my clinical background and passion for programming, I have the perfect blend of skills to build software that truly meets the needs of medical professionals, and I'd love to help revolutionise the healthcare software.

Even so, I am eager to apply my **user-focused** approach more broadly. My ultimate goal is to craft seamless digital experiences by bridging the gap between **end-user needs** and **feature development**. I thrive when collaborating cross-functionally to solve real-world problems with code.

Experience

Oct 2022 - present	Full Stack Developer (remote)	haelsi (Vienna)
<ul style="list-style-type: none">- Enhancing clinician workflow and patient care by adding user-centric features to the 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 (JUnit 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)
<ul style="list-style-type: none">- 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
<p>The thesis of my Master degree in Clinical Nutrition involved:</p> <ul style="list-style-type: none">- Geospatial data analysis using Python and R- Making use of Jupyter notebook and geopandas		
Mar 2018 - Jul 2021	Medical Doctor	ARSLVT (Lisbon), APHP (Paris)
<ul style="list-style-type: none">- GP resident in Lisbon while working shifts in the ER department of the largest hospital in the country (Mar 2018 - Jul 2021)- Clerkships in Paris (Oct 2014 - Jul 2016) and Uppsala (Jul 2015)		

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