



Luís Marques

Software Dev.

Data Architect

UX Designer

Lead Software Developer in the development of the **#1 marketplace platform** in Portugal for trading video games and in the creation of a **full-featured neuroscience platform** to study human behaviour.

"It's easy to make complex things, hard is to make complex things look simple."

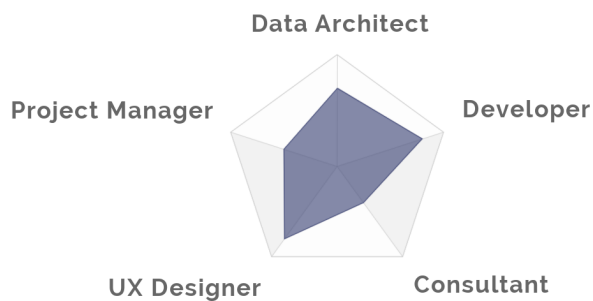
Proficiency in product and **full-stack software development** (10+ years of experience), information **systems architecture** and **user experience**. Closely coordinating efforts in small teams with individuals of complementary expertise, at **fast pace**, **hard-working** and **self-starter** environments.

Experience working remotely, managing time and workload.

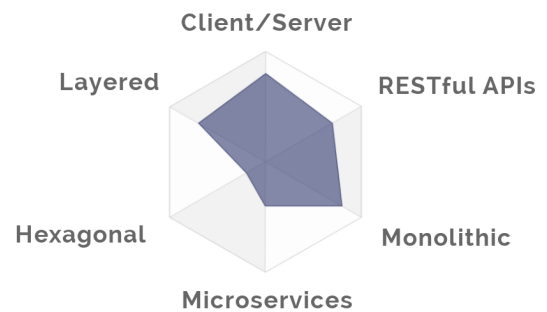
Soft Skills

Adaptability, Commitment, Critical Thinking, Initiative, Problem Solving, Self-motivation, Teamwork.

Technical Roles



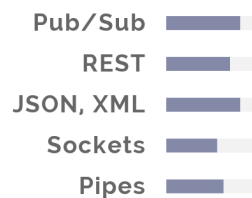
Architectures



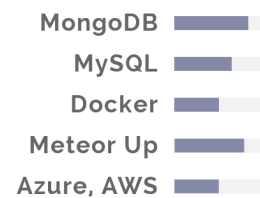
Languages & Frameworks



Data Transfer



DB/Server



Tools



Contacts

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Social

[linkedin.com/in/luisfmmarques](https://www.linkedin.com/in/luisfmmarques)

Address

Castelo Branco, Portugal.

Languages

English, Portuguese (native).

Education

Universidade da Beira Interior, 2 years in degree of Information Technology.

Experience



BrainAnswer (Aug 2015 - Present) - Co-Founder

Neuroscience platform to study human behaviour, integrating and synchronizing multiple biosensors such as Eye Tracking, EDA/GSR, ECG, PPG, EEG, and more. (<https://brainanswer.pt/>).

Lead Software Developer in multiple projects within the BrainAnswer ecosystem. Also developing the main platform, building the data mining system to run concurrently multiple algorithms in various languages and integrating medical hardware in a synchronized data collection system.

Data Architect idealizing and building a multi-server system for varying types and sizes of sensitive information, splitting processing workloads and enhancing data transmission efficiency.

Designer establishing the design language and UX for the web platform and desktop Windows app.

PWA, MeteorJS, MongoDB, Node.js, Docker, RESTful API, PHP, R, ImageJ, Python, C/C++, C#, C++/-CLI, Sockets, Pipes, Bash, Ajax, JSON, XML, CSV.



GameTrade (Apr 2014 - Present) - Co-Founder

The #1 marketplace platform in Portugal for trading video games. (<https://gametrade.pt/>).

Lead Software Developer developing the marketplace web platform, the simplified transaction method, the user feedback system and an auto-managed games database system.

UX Designer creating the design language, innovating on the existing marketplaces structures.

PWA, MeteorJS, MongoDB, Node.js, Docker, PHP, MySQL, C/C++, Bash, Ajax, JSON, XML.



Vectis (Feb 2013 - Apr 2015) - Co-Founder

Consulting, brand development, design, website creation, e-commerce implementation, app development, video production, marketing strategy and event production.

Lead Software Developer structuring and building an innovative Javascript framework to create real-time web apps. Also idealized and created multiple in-house projects, including fully developed web apps, phone apps and an interactive web documentary.

Web Designer developing unique websites and e-commerce tailored to client's specifications.

UX Designer establishing the design language and UX for several web and phone apps.

PWA, PHP, MySQL, Cordova, Ajax, JSON.

Experience (cont.)



RouTrip (Dec 2013 - Nov 2014) - Co-Founder

Web and phone app for touristic routes navigation, using gamification with geolocation and QR codes (funded by IAPMEI for innovative projects with high growth potential).

Lead Software Developer developing the phone app, with route selection and map navigation. Also created the web app for the route creation process, paid advertisement and points of interest.

UX Designer. Gamified the route navigation process, created the design language and structure of the phone and web app.

PWA, PHP, MySQL, Cordova, Ajax, JSON.



GiftList (Feb 2013 - Dec 2013) - Co-Founder

Crowdfunding platform to offer gifts that your friends want.

Lead Software Developer building the web app where friends can bid on gifts to the birthday person. Managing friends, events and gifts.

UX Designer creating the design language and ensuring the simplest path possible to user action.

PWA, PHP, MySQL, Ajax, JSON.



ActionCMS (Jul 2012 - Feb 2013) - Co-Founder

Content Management System to create live editing websites.

Full-stack Software Developer building the framework to make static websites dynamic.

PWA, PHP, MySQL, Ajax, JSON.



SMS Server (Apr 2010 - Oct 2011) - Co-Founder

Web-based platform for sending SMS to groups of people, using servers with GSM modems.

Full-stack Software Developer structuring and developing the server system to connect the GSM Modems to a centralized station, also building the web platform to manage contacts, contact groups and mass sending of SMS messages.

PWA, PHP, MySQL, Ajax, C/C++, Pipes, Bash, JSON.



PaperPile (Sep 2009 - Apr 2010) - Co-Founder

An online money management tool to save money using goals.

Full-stack Software Developer creating the app to track user spending with an excel-like interface.

PWA, PHP, MySQL, Ajax, JSON.



Letter of Recommendation

Hugo Plácido da Silva
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Lisbon, July 30th, 2020

To whom it may concern,

I know Luis Marques from my assignments as a Researcher at IT, where I collaborated with him on the "BrainAnswer Neuroscience Platform" and on the "e-CoVig Project" (funded by the Portuguese National Science Foundation).

During this time I had the opportunity to know him and evaluate his skills. Luis is a top performer and one of the hardest working professionals I ever met, distinguished for his motivation, discipline, and ability to work independently. He has excellent learning skills, which enable a quick progression in his work assignments and the achievement of impressive results.

The impact of his contributions was quite noticeable, namely through the development of solutions that go well beyond the state-of-the-art. The unique combination of technical know-how, aesthetic intuition, and concerns for user experience, further increases the significance of his achievements.

He has excellent turnaround times, and can successfully complete all tasks under his ownership. In our joint work, he has shown a solid basis on full-stack software development, information systems architecture, and developed his skills on hardware interfaces and cloud-based computing as well. Luis also shows a collaborative spirit, and friendly personality.

All-things-considered, based on my experience, I strongly recommend Luis Marques for positive appreciation in your evaluation, as he is surely a promising technical asset, with the potential to generate value and produce significant outputs at multiple levels.

Sincerely,

(Hugo Humberto Plácido da Silva)

INSTITUIÇÕES ASSOCIADAS:



INSTITUTO
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TÉCNICO



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e Tecnologia da
Universidade de Coimbra



universidade
de aveiro



Inovação



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