

LUÍS MARQUES

Software Developer / Software Architect / Entrepreneur

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RELEVANT EXPERIENCE

Senior Software Architect @ SAP

Jan 2022 – Present // Remote

- Team lead, providing mentorship, technical expertise and guidance
- Pioneered and architected the first innovative internal project that extends Gigya / SAP CDC functionalities to remove repetitive tasks, saving time (70% to 90%), while drastically increasing productivity and revenue
- Architected, restructured and presented internal project initiatives to develop standalone SAP products
- Created an internal course to certify SAP Web Developers
- Developed Gigya / SAP CDC projects for some of the best companies

Strategy & Operations Lead @ Golens

Nov 2020 – Dec 2021 // Portugal, Spain

- Lead the operation from conception to a multi-country expansion
- Closely coordinated efforts of designers, programmers, logistics experts
- Established and implemented the design language and branding
- Optimized the customer path to minimize steps and maximize sales

Lead Software Developer @ BrainAnswer

Aug 2015 – Oct 2020 // Portugal // Remote

- Lead the neuroscience platform development, testing, and launch
- Architected a multiserver system to manage large inflows of data
- Built a unified signal processing system capable of running algorithms from multiple programming languages, such as C++, R, Python, PHP, ImageJ
- Created and documented an API for third party integrations
- Designed and built a powerful study creator tool with video, forms, interactive games, managing stimuli groups and randomization
- Architected and built an app for Windows to record Webcam, Microphone, Eye-trackers, EEG headsets and sensors in a unified system
- Implemented a visualization tool, with synchronized signals, videos, forms, powerful statistics and cross-referencing data analysis

Full Stack Software Developer @ GameTrade

Apr 2014 – Nov 2016 // Portugal

- Built and shipped the marketplace as an MVP, continuing the development based on community suggestions
- Developed the design language and user experience
- Architected an automated database management system that keeps itself-updated, integrating third party APIs
- Implemented an innovative chat with embedded product transactions

Software Developer @ Vectis

Feb 2013 – Apr 2015 // Portugal

- Built uniquely innovative website and e-commerce experiences
- Co-created a 3D Web-Documentary to raise awareness for the ecology
- Interfaced with clients in a regular basis, providing technological expertise

SKILLS

Programming Languages

JavaScript, HTML/Pug, CSS/Sass/Less, PHP, C++/C#, R, Python

Libraries & Frameworks

Meteor, Vue, React, Blaze, Handlebars, jQuery, Jekyll, Node.js, Express

Tools & Platforms

Git, Bash, MongoDB, SQL, Meteor Up, Azure/AWS, Gigya/SAP CDC

EDUCATION

University of Beira Interior

2009 – 2011 // Covilhã, Portugal

Spent 2 years in degree of Information Technology – dropout to create startups

Developed innovative projects in the Assisted Living Computing and Telecommunications Laboratory

PUBLICATIONS

Neuroorganoleptics: Organoleptic Testing Based on Psychophysiological Sensing

Aug 2021 // MDPI

Heart Rate Variability (HRV) has strong correlation with self-reported preferences

e-CoVig: A Novel mHealth System for Remote Monitoring of Symptoms in COVID-19

May 2021 // MDPI

Management and visualization of physiological and clinical data

AWARDS

3rd place at DISRU.PT “Shark Tank”

May 2015

Passport to Entrepreneurship

Jun 2014

Secured investment for startup

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:



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e Tecnologia da
Universidade de Coimbra



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P T Inovação



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