LUÍS MARQUES

Software Developer / Software Architect / Project Manager

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RELEVANT EXPERIENCE

Senior Development Consultant @ SAP
Jan 2022 – Present // Remote

- ○ Project Manager in a cross-platform environment
- ○ Architect developing unique technical solutions
- ○ Team lead, providing mentorship and technical expertise
- ○ Pioneered an innovative automation project for Gigya/SAP CDC
- ○ Created an internal course to certify SAP Web Developers
- ○ Collaborated in the development of Gigya/SAP CDC, SAP CPI projects

Strategy & Operations Lead @ Golens
Nov 2020 – Dec 2021 // Covilhã, Portugal

- ○ 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 // Castelo Branco, 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 // Castelo Branco, 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
- ○ Built an innovative chat with embedded product transactions
- ○ Implemented a user transaction feedback system
- ○ Created a back-office to manage user badges, reviews, videos

Software Developer @ Vectis
Feb 2013 – Apr 2015 // Castelo Branco, 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, SAP CPI

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

instituto de
telecomunicações

Letter of Recommendation

Hugo Plácido da Silva
IT - Instituto de Telecomunicações
Instituto Superior Técnico, Torre Norte - Piso 10
Av. Rovisco Pais, 1, 1049-001 Lisboa, Portugal
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E: hsilva@lx.it.pt

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 known-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
SUPERIOR
TÉCNICO

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e Tecnologia da
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