

Luís Marques

Europe, Portugal | euluismarques@gmail.com | (+351) 927 631 856 | www.luismarques.io | [Blog](#) | [LinkedIn](#) | [GitHub](#)

I'm a software developer and architect specializing in building exceptional digital experiences for 12+ years. With emphasis on quality and scalability, I have pioneered initiatives, architected projects, and led teams in fast-paced and self-driven environments, ranging from startups to Fortune 500 companies.

RECENT AWARDS AND CERTIFICATIONS

Cross Engagement Excellence Award SAP	Feb 2024
Accelerating Change Readiness and Agility Experience UC Berkeley Executive Ed.	Feb 2024
CX ASC Talent Award SAP	Dec 2023
Employee Spotlight Award SAP	Jun 2023

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, SQL, MongoDB, C/C++, C#, Python, PHP, R, HTML, Pug, CSS, Sass, Less,

Frameworks: React, Redux.js, Next.js, Tailwind CSS, Jest, Cypress, Angular, SAP Commerce Cloud composable storefront (SAP Spartacus), Vue.js, Meteor.js, Node.js, Webpack, Babel, Bootstrap, jQuery, SAP Customer Data Cloud (SAP CDC / Gigya)

DevOps and API Tools: GitHub Actions, Jenkins, Sonar, Checkmarx, Git, Docker, Azure, AWS, Swagger, Postman

Other: Domain-Driven Design, Data Modeling, Agile (Scrum, Kanban), SOLID, DRY, KISS, TDD, Design Patterns, Debugging

PROFESSIONAL EXPERIENCE

Senior Software Developer & Architect | [SAP](#) Jan 2022 – Present

- Architected and built [SAP Customer Data Cloud's front-end dev environment](#) **reducing tech debt from 80% to 10% in some governments and large companies** by integrating source control, CI/CD, code quality and security checks, code separation and testing
- Pioneered and led a [React automation initiative](#) that **saved €810,000 in the first year and 70% to 90% of the time** on some tasks
- Conceptualized extensions and products using Angular + Java, **saving hundreds of development hours** with SAP Commerce and SAP Spartacus projects
- Created a [course to certify SAP Web Developers](#), resulting in the **skill set upgrade of 60% of the team**
- Estimated projects for some of the largest companies and governments, increasing revenue while delivering quality

Strategy & Operations Lead | [Golens](#) Nov 2020 – Dec 2021

- Led the operation from conception to a **multi-country expansion in less than 5 months**, starting without branding, website, product database, suppliers, delivery partners, payment system or packaging
- Developed a Vue.js app to manage product stocks integrated with invoicing software, enabling the quick management of over 150,000 SKUs
- Optimized the user journey by **reducing 50% of steps** in some cases

Lead Software Developer & Architect | [BrainAnswer](#) Aug 2015 – Oct 2020

- Architected and implemented a data collection system to **remotely record** Webcam, Microphone, Eye-trackers, EEG headsets and sensors **simultaneously by the millisecond from dozens of stations with more than 100 channels each**
- Engineered signal processing system to **run machine learning algorithms in 5 different programming languages**, such as C++, R, Python, PHP, ImageJ
- Implemented a scientific study builder tool with video, forms, and interactive games, along with a visualization tool to analyze synchronized signals, statistics and cross-referencing analysis of hundreds of data points

- Lead Software Developer & Architect** | GameTrade Apr 2014 – Nov 2016
- Invented an innovative chat with embedded transactions and feedback, **supporting over €110,000 in traded volume**
 - Built and shipped the marketplace **in less than 4 months**, defining the design system, UX, front-end and back-end
 - Created an automated database system that keeps itself updated multiple times a day for over 50,000 games
- Full Stack Software Developer & Consultant** | Vectis Jan 2014 – Apr 2015
- Produced uniquely innovative websites, e-commerce stores, and smartphone apps used by thousands of users
 - Co-authored a Web-Documentary with 3D navigation
- Front End Software Developer** | EyeSee Solutions Jun 2013 – Dec 2013
- Developed a back-office to manage contents along with a jQuery plugin for user interaction, in less than 6 months
- Full Stack Software Developer** | GiftList Feb 2012 – May 2013
- **Engineered a full-stack framework for real-time data synchronization** with the database using JavaScript and PHP
- Full Stack Software Developer** | SMS Server Apr 2011 – Jan 2012
- Architected (with Patent Proposal) an SMS Proxy service using servers and GSM Modems to deliver thousands of messages daily
- Full Stack Software Developer** | PaperPile Sep 2010 – Apr 2011
- Launched an expense-tracking web app with Excel-like expense tables, expense-sharing, and gamification

OPEN SOURCE

- SAP Customer Data Cloud accelerator** **Associated with SAP**
 Architect and Product Owner - Quality-focused development environment for SAP CDC Feb 2023 – Present
- SAP Customer Data Cloud toolkit** **Associated with SAP**
 Architect and Product Owner - Chrome extension with automation features for SAP CDC Apr 2022 – Present

PROJECTS

- e-CoVig** **Associated with BA**
 Lead Developer and Architect - Symptomatology Remote Monitoring for millions of users Feb 2020 – Oct 2020
- Mobfood** **Associated with BA**
 Consultant - Scientific and technological solutions for the agri-food market 2018 – 2020

PUBLICATIONS

- Organoleptic Testing Based on Psychophysiological Sensing** **MDPI**
 Heart Rate Variability (HRV) has a strong correlation with self-reported preferences Aug 2021
- A Novel mHealth System for Remote Monitoring of Symptoms in COVID-19** **MDPI**
 Management and visualization of physiological and clinical data May 2021

EDUCATION

- University of Beira Interior** **Covilhã, Portugal**
 Studied 2 years in the BS of Information Technology – dropped out to create startups 2009 – 2011
 Collaborated in innovative projects in the Assisted Living Computing and Telecom Laboratory