



David Vieira

Solution Architect | Platforms Architect | Outsystems

Profile

Solution and Platform Architect with over **seven years of experience** designing and governing enterprise application ecosystems within highly regulated industries, including financial services, insurance and retail. David leads the architectural evolution of large-scale **OutSystems platforms** such as **OutSystems 11** and **OutSystems Developer Cloud (ODC)**, ensuring scalability, security and operational resilience across multiple delivery streams. He operates at the intersection of **business strategy and technical architecture**, shaping platform roadmaps, establishing governance frameworks and driving architectural standards that enable sustainable growth.

Employment History

Platform/Solution Architect at Fidelidade, Lisbon

March 2024 — Present

Defines and governs the **OutSystems factory operating model**, overseeing **four enterprise platforms** (two On-Premises and two Cloud-based, including **OutSystems Developer Cloud (ODC)**) while ensuring security, quality and architectural consistency across multiple delivery streams. He shapes **architectural roadmaps** and leads **platform and technology upgrade initiatives**, coordinating technical transitions with delivery teams and partners. Working closely with **MuleSoft, integration and infrastructure teams**, he ensures cohesive enterprise solutions. As an early adopter of ODC within a large insurance environment, he contributes to its evolution and serves as the focal point for **technical debt management and platform quality governance**.

Solution Architect at Cofidis, Lisbon

September 2021 — March 2024

Operated as **Tech Lead and Solution Architect** across **B2C and B2B environments**, delivering scalable **Reactive applications** within Agile frameworks. He led development teams through technical challenges, ensuring architectural consistency and delivery quality. He designed and implemented a **monitoring and logging framework in OutSystems** using **ElasticSearch, APM and Kibana**, strengthened **Cloud First architectures** with **.NET back-end APIs**, and managed releases through **Azure DevOps**, enforcing quality standards with **Discovery, AI Mentor and SonarQube**.

Outsystems Advisor at Daymon, Lisbon

December 2020 — September 2021

Led a team of three developers in the refactoring of a monolithic application into a structured **3 Layers Canvas architecture**, enabling the delivery of new features while modernising the codebase. He resolved **data modelling issues**, removed deprecated components and implemented **performance optimisations**, delivering a stable and scalable solution to production with close post-release monitoring. The transformation included integration with **Microsoft Azure Storage** to ensure secure cloud-based data management. The project was delivered within an **Agile framework**, using **Azure DevOps** to manage releases and workflows.

Details

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Links

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Languages

English

Portuguese

Spanish

IT Consultant at KPMG, Lisbon

March 2019 – December 2020

Played a key role in a **digital transformation project**, leveraging **OutSystems** to accelerate the delivery of scalable and user-centric solutions. The initiative focused on optimising internal processes and workflows while delivering an innovative **multichannel experience across Web and Mobile applications**. Working within an **Agile framework managed in Jira**, he supported application lifecycle management using **LifeTime** for controlled deployments across environments. He maintained direct client interaction, providing **face-to-face stakeholder support** and ensuring smooth production operations.

Software Engineer Internship at Câmara Municipal de Lisboa, Lisbon

June 2015 – September 2015

Developed an **end-to-end Android prototype** using **Android Studio**, designed to improve communication between local communities and the responsible entity. Built with **Java, JavaScript, SQL and HTML/CSS**, the prototype later served as the foundation for the production solution currently in use.

🎓 Education

Master's degree in Electrical and Computer Engineering, Faculdade de Ciências e Tecnologia da Universidade Nova de Lisboa (FCT NOVA) , Lisbon

2016 – 2018

📄 Courses & Certificates

Outsystems Certifications:

- **Web Developer Specialist (ODC) | December 2025**
- **Associate Reactive Developer (ODC) | December 2025**
- **Web Developer Specialist | September 2023**
- **Architecture Specialist | July 2022**
- **Associate Tech Lead | June 2022**
- **Associate Reactive Developer | July 2021**
- **Professional Web Developer (OutSystems 11) | June 2021**
- **Associate Web Developer (OutSystems 11) | March 2019**

Azure Fundamentals Training, Source of Knowledge -

Formação, Educação e Consultoria | February 2021 – March 2021

Professional Training in Access 2007 , Câmara Municipal de Lisboa | August 2015

Certificate in Advanced English (C1), Cambridge University | 2011

First Certificate in English (B2), Cambridge University | 2010