# Rafael Evaristo

Senior Software Engineer – VisonBox

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## Experience

### **Vision-Box**, Lisbon— *Senior Software Engineer*

November 2017 – Present

Implementation of access control and identification systems. Software for integration in equipment produced in the company for several international airports.

#### #Main Activities

Analysis and software architecture planning; API development;

#### #Tech stack

WebAPI; C#; Webservices

### **Travelstore,** Lisbon— *Senior developer*

October 2016 – November 2017

Implementation of CRM system for travel making use of .NET technologies in C# through MVC and WebApi. With the mission of implementing the most scalable architecture with the aim of migrating from legacy in-house services to cloud-friendly services, using a microservices architecture. Responsible for the implementation of Agile techniques adapted to the context of the project and the team. Management of the development process with the business areas.

#### #Main Activities

Analysis and architecture planning; API development; Project and team management

#### #Tech stack

WebAPI; C#; MVC; SQL; Scrum; AngulaJS; EntityFrameWork; Soap; Webservices

### **Migg Systems,** Lisbon— *R&D tech /developer*

January 2006 - October 2016

Responsible for the evaluation of technologies for integration in projects of customer management, operations, billing. Evaluation and incorporation, after evaluation, of technologies like AngularJs, Webservices (soap and no soap), NodeJs, RabitMQ. Management of the solution development process with the client.

#### #Main Activities

Analysis and architecture planning; Test technologies and patterns

#### #Tech stack

## Overview

Scrum practitioner and Agile techniques with strong emphasis on team autonomy and responsibility. Passionate about innovation in hardware and software related to IOT. Frequent attendee of Meetups and tech community events such as AngularJs PT, Netponto, GDG (Google Developer Group)

## Main awards and contests

**1º Place - EDP Iot Challenge**
Technologies used: service bus in Azure, Sql Azure Database, sigfox. Hardware: Arduino, ESP 8266

**Team in the three finalists of the Lisbon Green Hackathon**
Technologies used: SQL Azure,Azure Table Storage, Azure Apps

**Team the 10 finalists in Hack for Good Gulbenkian**
Technologies used: SQL Azure, Azure Apps, MVC, Web Api, Bots

**Smart Open Lisbon real life finalist experimentation phase**
Technologies used: SQL Azure, Azure Apps, MVC, Web Api, C, Arduino, ESP 8266

## Languages

JavaScript; SOAP; Oracle; HTML; CSS; AngularJS; JQuery; NodeJs; RabitMQ; Azure Cloud; Azure Functions

English, French, Portuguese

## SonaeCom, Lisbon— *Project Manager*

January 2005 - January 2006

Implementation of processes to support services and tariffs in the Optimus brand according to the requirements of the marketing area, with the mission of reducing the impact in the areas of call center and support. This function implied the coordination of teams such as activations operations, IT (internal and external), bill review, network, training, information management, provisioning services.

#Main Activities

Plan process to reduce impacts and costs; Evaluate requirements and specifications; Test service usage an support; Managing projects

#Tech stack

HLR's; Provisioning; BSCS; Oracle; Remedy; Ms Project

## Optimus, Lisbon— *Information Manager*

January 2004 - January 2005

Management of the flow of information on the company's intranet so that the processes were in accordance with the Company's Quality Manual under the ISO 9001 certification.

#Main Activities

Plan information flow and presentation; Filter relevant operation information; Manage audience

#Tech stack

Internal intranet tool; HTML; JavaScript

## Optimus, Lisbon— *Solutions Engineer*

January 2003 - January 2004

Full stack developer @Optimus CRM developer team. Build an architecture and deploy a platform to analyze risk, activate our billing systems and prepare for network provisioning for future Novis customers

#Main Activities

Analysis and architecture planning; Code Implementation

#Tech stack

Shell Script (unix), PL / SQL (Oracle), Asp Classic (VB)

## Optimus, Lisbon— *Intranet developer*

January 2001 - December 2002

Build several intranet apps to support information flow.

**Tech keywords**

AngularJs, MVC, Web Api, Cake(PHP Framework), Javascript

Main projects:

Web interface for consulting the company CRM. This project started because the desktop application took a long time to boot and regularly had errors that crashed the desktop application.

Application to manage the flow of aftersales of equipment based on customer profile, equipment and customer profile.

**#Main Activities**

Analysis and architecture planning; Code Implementation

**#Tech stack**

Pl-SQL; ASP Classic; HTML; CSS


**Other projects**


## Hack for Good – Refugee challenge— *Gulbenkian Foundation*

June 2017

Project developed in 24 hours in which we built a portal for certification, registration and preparation for the reconversion of refugees work functions. It was intended to set up a program for civil society where tutors and refugee courses were organized to be integrated into the Portuguese labor market, namely through the reconversion of skills for IT. The project was among the 10 finalists.

**#Main Activities**

Project Management; Product Management; Product Pitch to jury, Analysis and architecture planning; Code Implementation

**#Tech stack**

MVC , Azure Cloud, Azure Apps, Bots


## Edp iot hackathon — *By EDP and Microsoft*

March 2017

EDP's and Microsoft technological challenge of how to read a counter through a HAN port and send the data to a cloud through Sigfox. The main goal was to encapsulate the technology in a product that serves EDP customers.

Video about the final project: https://www.youtube.com/watch?v=RBrwI8ggyyA


## UnLocLx  — *Smart Open Lisbon*

July 2016

Project for the Lisbon City Council on the distribution of people in the city and how to make it safer for more fragile citizen groups such as the elderly and children. It was also intended to perceive the occupation of space by people and objects. The project was selected for the real-life experimentation phase in Lisbon, with the sponsorship of the city council

**#Main Activities**

Project Management; Product Management; Product Pitch to jury, Analysis and architecture planning; Code Implementation

**#Tech stack**

MVC, WebApi, Azure Cloud, Azure IOT Hub. Hardware: Arduino, ESP8266

Media about the event project:

Http://rethink.beta-i.pt/2016/06/29/cisco-developers-resources-open-data/

Http://www.cm-lisboa.pt/noticias/detalhe/article/smart-open-lisboa-1


## Hack for Good – Elderly challenge  — *Gulbenkian Foundation*

March 2016

A fully developed project during the 28 hours hack that lasted the event, to make home environment safer for the elderly while at the same time reassuring their family about person's an environment current state, by providing a point of contact for both, with real-time information for caregivers, family, friends, neighbors or social private institutions, using IOT devices in the client's home and wearables used by the elderly.

**#Main Activities**

Project Management; Product Management; Product Pitch to jury, Analysis and architecture planning; Code Implementation

**#Tech stack**

MVC , Azure Cloud, C, Arduino


### Education

## Udemy  — *MongoDB Essentials - Understand the Basics of MongoDB*

November 2016

Certificate UC-6Z8H5WDQ


My main goal: Understand the basics of MongoDb


## Udemy  — *Make your agile team faster and more productive*

June 2016

Certificate UC-2T37A1O7

My main goal: Recognize and overcome impediments in Scrum


## Universidade internacional, Lisbon — *Law degree*

 1995 - 2000

Law degree with a final average of 14