



# Marco Talento

## PROFILE A BIT OF ME



I'm a Software Engineer that believes software must be simple, intuitive and reliable. My main interests are API's design, best software practices, distributed systems and continuous integration (CI). Also I'm a curious guy and always hungry for new challenges.

Besides work, I like to cook 0's and 1's and create excellent and unique recipes, always using some special spices.

I like to be original, from the kitchen to everything in my life!

## CONTACT ME GET IN TOUCH WITH ME



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## PERSONAL SKILLS HOBBIES & INTERESTS



CREATIVE

TEAM  
WORK

Community  
Contributor

Public  
Speaking

## EDUCATION

LEARNING IS THE KEY



- ERASMUS PROGRAMME SEPT 2012 - FEV 2013  
BUT - **Information Technology:** Compilers, Web, User Interface, Natural Language Processing
- BACHELOR DEGREE SEPT 2008 - JUL 2013  
ISEL - **Computer Engineering:** OOP, Distributed Systems, Relational Databases, Web Programming, Design Patterns, Computer Architecture

## WORK EXPERIENCE

%WORKPATH%



- NOS FEV 2014 - CURRENT  
**R&D Software Engineer:**
  - Backend services using dotnet, mongodb, rabbitMQ, TypeScript and Node.js.
  - Unit and Integration Tests.
  - OTT applications that enables a TV experience in the Web Browser, using angular.js 1.X, LESS and TypeScript.
  - Using Jenkins Pipeline for continuous integration and delivery.
  - Responsible to maintain and add new features to internal SDK's.
  - Interviewing Junior candidates.
  - Code reviewing
- BOLDINT FEV 2014 - CURRENT  
**IT Consultant:** Working as a IT Consultant at the 1º Telco in Portugal (NOS).
- SAFIRA AUG 2013 - FEV 2014  
**Software Developer:** Developing web applications using dotnet technologies.
- MAFRA CITY COUNCIL (INTERSHIP) MAR 2008 -JUN 2008  
**IT Assistant:** Repairing computers and teaching MS Word to the third age people.

## EXTRAS MORE AND MORE



- BET24 - STARTUP 1.0 WINNER  
TourGo is a platform where tourists can search for free tours from all around the world based on other tourist's reviews.
- SHAREDNODE - FOUNDER([www.sharednode.org](http://www.sharednode.org))  
Community focused on sharing ideas, experiences and projects.
- HEALNECT  
A System to Help Patients of Physical Therapy Achieve their Therapeutic Exercises. ([LINK](#))
- CERTIFICATES
  - [M101N: MongoDB for .NET Developers](#)
  - [MCSD: Web Applications](#)



## # NOS

### CTI3 - CONTENT INGEST

It is the VOD (Video on Demand) Core platform that is responsible to exports the catalog for multiple platforms (ott, stb).

This project is divided in multiple components:

**Importer** - Responsible to import the data from CTI2 (Legacy platform) to CTI3.

**Web API** - Provides a REST API to communicate between Internal clients such as backoffices.

**Exporter** - Application that generates the catalog in XML format.

**Technologies:** ASP.NET WebApi 2, MongoDB 3.X, SQL Server 2008, RabbitMQ

One of the biggest challenges of this project was to import the data from the legacy platform (CTI2) to the new one (CTI3) because of the databases differences (CTI2 uses a SQL database and CTI3 NoSQL).

### MAGE

Application that applies effects on images such as resize, text, negative colors, crop through a REST API.

**Technologies:** ASP.NET WebApi 2, MongoDB 3.X, Caching

### SEE - Search Enrichment

Service that enriches contents (movies, tv shows) using external providers like Youtube, Wikipedia, Freebase, Rotten Tomatoes.

**Technologies:** Node.js, Pm2, RabbitMq, TypeScript, MongoDB, AngularJs 1.X

### NOSTV

OTT application that enables a TV experience in the Web Browser.

**Technologies:** TypeScript, AngularJs 1.X

## # SAFIRA

### SIGCPS

System for managing the core business of Angola Social Security system.

**Technologies:** ASP.NET MVC 4, Oracle, WCF

## # Personal

### WOD - Warriors of Deluxe

I have created an online browser game in 2012 (<http://warriorsofdeluxe-1.apphb.com>) to improve my web applications skills.

Features: quests, combat, shop, inventory

**Technologies:** ASP.NET MVC 3, SQL Server 2008

Username: user3  
Password: 123123

### Recycle Game

A simple runner game, where the objective is to recycle garbage.

[Gameplay Video](#)

**Technologies:** C#, XNA 4.0