

# MARCO TALENTO

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## ABOUT

I'm a Software Engineer that believes software must be simple, intuitive and reliable. My main interests are API designing, best software practices, distributed systems, continuous integration and delivery (CI&CD). Also, I'm a curious person 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.

## EXPERIENCE

### Platform Tech Lead | Glue Home

FEB. 2020 – Current (London, UK)

- Leading a team of 5 engineers. Including performance reviews and weekly 1 on 1.
- Scrum master (Ensuring that the team is following the Scrum principles).
- Planning the team roadmap along with the product.

### Senior Platform Engineer | Glue Home

FEB. 2019 – FEB. 2020 (London, UK)

- Maintain and improve the core legacy monolith (.NET Framework 4.5.x).
- Responsible to define and build the new platform based on a microservice architecture.
- Mentoring interns and junior engineers.
- Building internal SDK's to improve the development experience.
- Lead the weekly architectural meetings.
- Managing the platform running on top of GCP and Kubernetes
- Technologies: .NET Core, GO, NodeJs, Docker, Kubernetes, AWS, Google Cloud Platform, Cloud Functions, GCP PubSub, PostgreSQL, Sql Server, TeamCity, Python3, Angular, RxJs

### **Consultant Engineer | Beamery**

OUT. 2018 – FEB 2019 (London, UK)

- Refactor a monolith application to a microservice architecture.
- Interviewing candidates for the new program: Beamery Academy.
- Implement ETL plugins to sync data from MongoDB to ElasticSearch
- Internal talks to promote new technologies, clean code and best practices.
- Technologies: GO, NodeJs, JavaScript, MongoDB, RabbitMQ, Redis, Docker, Elasticsearch, Google Cloud Platform, TypeScript

### **Senior Backend Developer | Pipedrive**

JUL. 2017 – OUT. 2018 (Lisbon, Portugal)

- Responsible for building, monitoring and profiling multiple microservices.
- Implemented data migration processes due GDPR requirements (import/export/delete).
- Integration with third parties APIs using the best practices such as rate limiting, retries mechanisms.
- Internal talks and introduced TypeScript to the company.
- Development and maintenance of internal libraries.
- Technologies: NodeJS, MySQL, RabbitMQ, Redis, DevOps, Docker, Prometheus, Grafana, OpsGenie, GrayLog, TypeScript, Consul, Microservices architecture, Ownership, OnCall, New Relic, CAdvisor, Jenkins

### **FullStack Engineer | Nezasa**

FEB. 2017 – JUL. 2017 (Lisbon, Portugal)

- Developed a new version of the product, where I implemented features in all layers (database, API, frontend).
- Working with a remote team, that required me to be organised and use tools like slack, hangouts, apper.in to communicate.
- Technologies: Scala, MongoDB, Heroku, EmberJS

### **R&D Software Engineer | NOS Inovação**

FEB. 2014 – FEB. 2017 (Lisbon, Portugal)

- Implemented several backend services for the core product.
- Led the migration process of the Content Ingest Platform from SQL to NoSQL.
- Developed a continuous integration pipeline using Jenkins, Artifactory and Docker to facilitate the deployment process in multiple environments.
- Responsible for maintenance and add new features to internal SDKs.
- Technologies: .NET, C#, TypeScript, NodeJS, RabbitMQ, Jenkins, MongoDB, SQL Server, AngularJS 1.X, DDD, TDD, REST, ElasticSearch, Cross Cutting Patterns, Code Review, Unit and Integration Testing, Azure

## Software Developer | Safira

AUG. 2013 – FEB. 2014 (Lisbon, Portugal)

- Maintenance and development of web applications for Angola market (Health and Social Security System).
- Technologies: .NET, C#, SQL Server 2012, Entity Framework, ASP.NET MVC 4

## EDUCATION

**BSC, Computer Engineering** | ISEL – Instituto Superior de Engenharia de Lisboa

SET. 2008 – JUL. 2013

- OOP, Distributed Systems, Design Patterns, Relational Databases, Computer Architecture, Concurrency
- Erasmus exchange at Brno University of Technology, in Czech Republic
- Participated in [CETC 2013](#) conference with my final project: [Healnect – A System to Help Patients of Physical Therapy Achieve their Therapeutic Exercises](#)

## Certifications

- [M101N: MongoDB for .NET Developers](#)
- [MCSD: Web Applications](#)
- [CCP – Pedagogical Formation of Trainers](#)
- [Learn How To Code: Google's Go \(Udemy\)](#)
- [Web Development w/ Google's Go \(Udemy\)](#)
- [Modern React & Redux \(Udemy\)](#)
- [Professional Scrum Master \(PSMI\)](#)

## EXTRAS & PROJECTS

### Extras

- BET 24 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. I was responsible for the architecture and development of the backend service, that was consumed by our mobile application. (C#, ASP.NET Web API 2, MongoDB, Azure)
- [Sharednode](#) - Founder and contributor of Sharednode community. (Blog, Live Events)

### Public Talks

- [Building applications with NodeJS & TypeScript \(Sharednode\)](#) - (Lisbon, 16/04/2016)
- [Perfect Match NodeJS & TypeScript \(Comunidade Netponto\)](#) - (Lisbon, 24/09/2016) - [video](#)
- [Great Developer Experience with TypeScript \(RequireLx\)](#) - (Lisbon, 23/08/2018) - [video](#)
- [Great Developer Experience with TypeScript \(Free Code Camp Lisbon\)](#) - (Lisbon, 22/09/2018)
- [From nil to Gopher \(GopherLX\)](#) - (Lisbon, 24/10/2018)
- [It's Time to Migrate \(FOSDEM 2019\)](#) - (Brussels, 02/02/2019) - [video](#)
- [It's Time to Migrate \(LNUG\)](#) - (London, 27/02/2019) - [video](#)

## Projects

- [ImgArt](#) - Simple, fast and reliable HTTP service for image processing based on filters and profiles, built using GO, Redis, MongoDB, Docker.
- [go-health](#) - GO package that simplifies the way you add health check to your services.
- [TypeScript-Node](#) - Starter template for building REST API using NodeJs, TypeScript and MySql.
- [Warriors of Deluxe](#) - In 2012, I created a RPG browser game to improve my web development skills. Some supported features: battles, quests, inventory, messaging, shop. (C#, ASP.NET MVC 3, SQL Server, EF 4)
- [Recycle Game](#) - Simple runner game, where the goal is to recycle garbage. It was built for a small game competition in Lisbon (Pizza Night 2012). (C#, XNA 4.0)
- [.NET Careers](#) - The number one job board for .NET engineers. (ASP.NET Core 3.1, MongoDB, Hangfire, WebScraping, Stripe, Docker)