MARCO TALENTO

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ABOUT ME

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

Consultant Engineer | Beamery
OUT. 2018 – CURRENT (LONDON, UK)

- Refactor a monolith application to a microservice architecture.
- Internal talks to promote new technologies, clean code and best practices.
- Technologies: Golang, NodeJs, JavaScript, MongoDB, RabbitMQ, Redis, Docker, Elasticsearch, Google Cloud Platform, Data Dog, TypeScript, Microservices architecture

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 maintaince of internal libraries.
- Technologies: NodeJS, MySQL, RabbitMQ, Redis, DevOps, Docker, Prometheus, Grafana, OpsGenie, GrayLog, TypeScript, Consul, Microservices architecture, Ownership, OnCall, Rew 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

IT Consultant | BOLDINT
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

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 from Set. 2012 to Feb. 2013
- 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)

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)

Talks

- [Building applications with NodeJS & TypesScript (Sharednode)](#) - 16/04/2016
- [Perfect Match NodeJS & TypeScript (Comunidade Netponto)](#) - 24/09/2016 - [video](#)
- [Great Developer Experience with TypeScript (RequireLx)](#) - 23/09/2018 - [video](#)
- [From *nil* to Gopher (GopherLX)](#) - 24/10/2018 - 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. You can use the following test credentials: user: user1 password: 123123 (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)