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ABOUT ME

I started to code in middle school with my Texas Instruments 84 calculator, back in 2004. I didn't know what I was doing, it was mostly trial and error, trying to print something on the screen. Since then, and a degree later, I've been doing a bit of everything! I can code in several languages, for multiple platforms, web apps, mobile games, desktop/mobile interactive apps, interactive solutions with Arduino, browser extensions, web with PHP, Laravel, Javascript, Vue.js, I have some projects on GitHub, mainly Java, PHP and Javascript and I've collaborated on many open source projects.

WORK EXPERIENCE

MAY 2013 - CURRENT

Full Stack Developer

Gema Digital

By working at GEMA I've been developing with many technologies, in many places, mostly for Portugal, but also Greece and Brazil, with projects all around the world.

I've been doing mostly **Laravel PHP** backend and API, **Node JS** apps, **Javascript Webapps**, **Java** socket servers, **Unix** server management, **MySQL** and **Redis** Databases, some **Python** scripting and **Arduino**.

Some installations you may heard about:

- **World of Wine** (Oporto, PT)
- **Pelé Museum** (São Paulo, Brasil)
- **World of discoveries** (Oporto, PT)
- **FIFA U-20 World Cup** (Turkey)
- **Filda '13 & '14** (Angola)

Some projects:

- **Unicredit** UEFA Champions League Final (Augmented reality Android app)
- **Benfica Tours** (Augmented reality tour around the stadium)
- **Rock In Rio '14** - Santa Casa (Mobile game)
- **Filda** - Total / Esso / Chevron / Viv / Sonangol / Total / Zap (Mobile apps and games)
- **Penalty Quiz** (iOS/Android game)
- **Footy Quiz** (iOS/Android game)
- **XPlora** (Augmented reality mobile app)
- **OneCore** (Node JS app, with webapp, to control devices on Gema installations)
- **MOSS** (Java multiplayer socket server)
- **Comédia à la Carte** (Interactive webapp for their shows)

Among many others like Casa do Cinema Manoel de Oliveira, Embratur, Pepsi, Angolauto, Amazonas, Seat, Nespresso and many GEMA own projects.

JUN 2008 - CURRENT

Volunteer

Animais de Rua

Animais de Rua is a non profit organization who rescue animals in the streets. They were in need of a platform to manage every process related to the animal collecting and treatment. I was glad I could help, I created their back office from scratch using **Laravel**, it's all open source on github.com/animais-de-rua, it's a huge project with tons of entities and relations between them and a lot of different permissions for users.

Later on I end up also creating their website, which is fed with data from the back office. The website is also a webapp, since I had the time, I created everything from scratch with no frameworks, just **Vanilla JS**, it's just 14K of JS+CSS, everything is cached and shown instantly to the user. Google **Lighthouse** score is near 100%, I tried to apply the best principles and the most recent web methodologies.

I've been collaborating with them since then, there's always some fixes and adjustments to make the platform better.

JUN 2017

Open Source Contributor

Backpack for Laravel

Backpack for Laravel is an **Open Source** project maintained by Cristian Tabacitu, it makes any developer's life easy by speeding up **CRUD development**. There's a great community around this project and I'm glad to be part of the organization and **contribute** with code and ideas. You can find it at github.com/Laravel-Backpack/CRUD.

SEP 2011 - MAR 2013

Internship as Web Developer

CBB Interactive

This was my first job, I was mainly a web developer and learnt more in a few months than I could expect. I learnt many concepts of **GIS** (Geographic information systems), I was able to improve my knowledge a lot.

I've collaborated on a few projects, but I was able to achieve many others on my own, as the **B-Around Map**, probably the biggest challenge I had, it was a library that allows to add a map module to a page (like google maps but with its own layout and tiles).

I was also the main developer for other projects, **Creative Bitbox** website using **PHP** and a lot of **jQuery** and **Inova Gaia** website using **Ruby on Rails** and also **jQuery** (popular at that time).

FEB 2013 - CURRENT

Full Stack Developer

Freelancer

I've been working as a freelancer for a long time, I've made some **websites**, like Wood Prestige, Web Sinus, DAM. A lot of **mobile games** and **brand activation apps** for some famous brands like Água das Pedras, Clinical Lab, DGS, Lidl, MEO, Navigator, Federação Portuguesa de Futebol, OK estudante and Santa Casa.

I created an **ad management system** for Tabaqueira, the biggest portuguese tobacco company, it was a **CakePHP** backend to remote control ads displayed on all-in-one **android** displays, almost every tobacco seller in the country used it.

EDUCATION AND TRAINING

SEP 2008 - JUN 2011 - Viana do Castelo, Portugal

Graphic Computation and Multimedia Engineer

Instituto Politécnico de Viana do Castelo

Some of the most important classes/concepts in my graduation were; Algorithms and data structures, Mathematics for graphic computation, 3D Programming, Data Bases, Networks, Graphic Computation, Virtual Reality, 3D Modeling, Multimedia systems, Geographic information systems and Software engineer.

HONOURS AND AWARDS

MAY 2013

Merit Award - Ministry of Education

LANGUAGE SKILLS

MOTHER TONGUE: Portuguese

English

| | | | | |
|-----------|-----------|-------------------|--------------------|-----------|
| Listening | Reading | Spoken production | Spoken interaction | Writing |
| C1 | C1 | B2 | B2 | C1 |