R a f a e l M e n d e s

Fullstack Developer

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P R O F I L E

A Brazilian Software Engineer, well-rounded (**+10 Years**) in IT.

Agile development it is my main concern.

Design must be in a way that separates frontend from backend.

SOLID principles are very important to me.

Mainly projects on **Github**, private one's on my personal git server.

Linux it's the main **environment**, but I am also on **MacOs**.

Documentation is **very important**, so markdown it's one of my expertise.

Style must be sorted with good **Sass**, good base structure and lot's good **mixins**.

E D U C A T I O N

Bachelor's degree: Information of Technology (2007 - 2011)
Instituto de educação superior da paraíba (IESP)

At this university, I could raise myself into a better programmer. I took part in multiple projects that used PHP, 2D game developing (Firestorm team), NodeJs and Free Software Groups and Sunspot OSUM leader for Sun Microsystems

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E X P E R T I S E - Samples

A way to show how is being done, code and live projects.

React, NodeJs and NextJs
Reference: http://git.strubloid.com/strubloid-on-nextjs
Skillset: React, NodeJs, Sass, API's, GoogleMaps, ReCaptcha, Parallax (Rellax), Dotenv
This is a project to show how I deal with ReactJs using NextJs as a framework. This is made with react component structure and typescript, Backend with NextJs, Integration with Sendgrid, Integration with GoogleMaps and ReCaptcha API and it is live on a Netlify server under domain https://strubloid.com

NodeJs-API scripting
Reference: https://git.strubloid.com/book
Skillset: API, Node Js, Express server, EJs + Typescript, MongoDb, Live server Heroku
This is a sample API that I took from one of bigger personal projects, so I had to refactor the code to work in a simple project, as I used with PHP before and the work environment requested everything to be in a class form, you can assess the live project on http://www.mygitbook.com.

Documentation
Reference: https://docs.strubloid.com
Skillset: Markdown, Documentation Manager
This is like my personal source of knowledge, I also have a shell script object that's implemented in an environment to provide different ways to search for it. This is a place to check how I explain things for my co-workers.

Shell Scripting
Reference: https://git.strubloid.com/.bash_aliases
Skillset: C, Bash, Multi Platform project, git, git-flow and Agile
This project is a way to implement aliases using classes with bash scripting. It is also a way to check how I faced an issue and what are the steps to fix it. Started as an advanced aliases project, now it is growing to become a bash profiler for all my environments Linux, Windows and MacOS

WORK EXPERIENCE

Magento I and II Developer
(2019 - 2020)

Monsoon Consulting, Dublin Ireland

Full-stack position, I was responsible for:

- Support and development tasks on **Magento I and II** for:
  LFC Store, Central Bank, Mothercare, Woodies and Pallas Foods
- **Quick response support** for Liverpool Football Club Store and Woodies
- The **primary support** for bug analysis: **Central Bank** of Ireland in Magento 2
- Developed cron to fix issue with **full disk** for **Mothercare.Ie** in Magento 1
- **Woodies Nosto integration**, javascript debug with Nosto team plus suggestions on what they should upgrade on their tool

Magento I Developer
(2016 - 2018)

StudioForty9, Cork Ireland

Full-stack position, I was responsible for:

- Develop extensions to **integrate Magento** with **third-party** systems and creation of custom Magento modules for client queries.
- Responsible for front-end designs into suitable **cross-browser** compatible using **SASS or LESS**
- Provided **SEO** checked on Google SiteSpeed and others site speed analysers
- Responsible for **maintaining the staging branches with Junior developers** conflicts, e.g. re-create or fix stage branches with multiple merged branches

Senior Zend Developer
(2012 - 2016)

Captura.Me, João Pessoa Brasil

Founder of the company, responsible for:

- Created a **Zend I software** for a community in the Northeast of Brazil. Later on, turned into a the main branch of the Paraiba Photography association
- Collaborated with **Zend Framework II**, fixing the Mysql Rand
  The code was added by pull request 3017 (Fixing the problem with the order by and \Zend\Db\Sql\Expression #3017)on the source code in the Beta version of the Zend II, this fix was merged on the branch of **Jan 04, 2013**
- Answerable for installation of a git server in Captura.Me VPS on Dreamhost providing the most cost-effective solution at the time

Zend I Developer
(2011 - 2012)

Vox Technology, João Pessoa Brasil

Fullstack position, I was responsible for:

- Development and management of the project's SIGPub and SigFacil using Zend I as well as SIGISS, built with an **in-house framework**
- SIGFácil, creating a lot of new features using **PHP 5.3~5.4** and **Javascript**.
- **Refactoring** a significant change of the interfaces through all HTML templates and **CMS pages using Regex**

Yii/EXT-Js developer
(2010 - 2011)

Dantel, João Pessoa Brasil

Fullstack position that changed me to become a full-stack developer, I was responsible for:

- Developing the Cotações e Compras using **YII framework** as a backend, and an **asynchronous html** with **Ext-Js** for frontend.
- Creation of javascript library to add content on the fly for all Dantel projects
- **Refactoring of PAS** using factory, observer and singleton patterns
- Answerable for significant bugs, debugging using **PHP Xdebug** and **Javascript debug** for the asynchronous part of the projects

Java Developer Data Warehouse ETL
(2009 - 2010)

DATAPREV, João Pessoa Brasil

Intern in a company that had all the Brazilian databases. This project was the most significant and rewarding project that I was a part of. I could use my skills to help my country, changing the reality from renting very expensive supercomputers to have an in house good star scheme:

- Participated in the BGSD (Unemployment Insurance Management Base), a project of the DATAPREV. I was responsible for grabbing filtered data from SD project and make it work on the star schema using Java and Oracle;
- Answerable for a significant change to the largest database of Brazilian citizens, **increasing the speed of 10000%,** in plain terms, we had a batch of a thousand of employees data that changed **from 0.01 seconds to 0.00001 seconds**, what gained an award for the BGSD team
- Helped the project SD (Social Welfare - Seguro Desemprego) with advice and **support for the new star scheme** that provided knowledge to contribute to fixing errors of the database exchange

C and PHP developer
(2007 - 2009)

PbPrev - PB social welfare, João Pessoa Brasil

The first internship that I had as responsibilities:

- Responsible for **software in C** that **increases the speed** of some old PCs connected to the intranet by 20-30%, utilising forks and exec native C.
- Created a **variety of tools to help communications** and work process between the county's social welfare branches
- Responsible for the significant **refactoring** and expanding of the primary website (**www.pbprev.pb.gov.br**) using PHP and **MVC structures**

A C H I E V E M E N T S

OSUM Leader (*Sun Microsystems | 2008-2011***)**
I was the main event organiser in my university. Sun Microsystems checking IT university activities from João Pessoa made me an OSUM Leader.

The project allowed me to work with their device and give lectures and talks on using it to help blind people to geo localise on the campus.

ENSOL III, IV and V (*Organization Leader | 2007-2011***)**
I was one of the Gang of Four in this main event from my state Paraiba. We mainly called lots of representatives from the IT community (national and worldwide) to share knowledge about the free software community. With many targets, we could achieve:

- Growth of engagement with the Paraiba community
- Learn from inspiring expert leaders, like the creator of PHP, Rasmus Lerdorf or the creator of GNU Richard Stalman as only two good examples of many.