

Rafael Mendes

Personal Info

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Citizenship	Brazilan
Date of birth	03 April 1986
GitHub	https://github.com/strubloid/resume
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Languages

Portuguese	<div><div></div><div></div><div></div><div></div><div></div></div>
English	<div><div></div><div></div><div></div><div></div><div></div></div>
French	<div><div></div><div></div><div></div><div></div><div></div></div>

Tecnologies

Magento 1	<div><div></div><div></div><div></div><div></div><div></div></div>
Zend framework I and II	<div><div></div><div></div><div></div><div></div><div></div></div>
Yii framework I and II	<div><div></div><div></div><div></div><div></div><div></div></div>
PHP 5.6~7.2	<div><div></div><div></div><div></div><div></div><div></div></div>
C and C++	<div><div></div><div></div><div></div><div></div><div></div></div>
Java	<div><div></div><div></div><div></div><div></div><div></div></div>
Javascript	<div><div></div><div></div><div></div><div></div><div></div></div>
Jquery	<div><div></div><div></div><div></div><div></div><div></div></div>
Ext-Js	<div><div></div><div></div><div></div><div></div><div></div></div>
Wordpress	<div><div></div><div></div><div></div><div></div><div></div></div>
Drupal	<div><div></div><div></div><div></div><div></div><div></div></div>
Mysql	<div><div></div><div></div><div></div><div></div><div></div></div>
PostgresSQL	<div><div></div><div></div><div></div><div></div><div></div></div>
Oracle	<div><div></div><div></div><div></div><div></div><div></div></div>
HTML 5	<div><div></div><div></div><div></div><div></div><div></div></div>
CSS	<div><div></div><div></div><div></div><div></div><div></div></div>
Sass	<div><div></div><div></div><div></div><div></div><div></div></div>

Experience

Sep 2016 -
Nov 2018

Magento I developer

Studioforty9

- Responsible for support and development tasks on Magento Platform
- Answerable to investigate bugs using PHP Xdebug to catch them and fix
- Developed custom extensions to integrate Magento with third-party systems
- Implemented Magento modules to fix custom client queries. One good example was DID-electrical simple products being able to become a bundle product using the cross-sell items, that is activated by backend product option
- Provided SEO via Google Sitespeed and others site speed analysers
- Developed Magento shell scripts with or without crons to grab information from a source and import into Magento database structure
- Accountable for good code practices, code review, pair programming, refactoring and scalable code
- Helped with front-end tasks, making them cross-browser compatible using SASS and LESS
- Responsible for maintaining the staging branches with Junior developer conflicts, e.g. re-create or fix stage branches with multiple merged branches from the whole team, making a stage branch reliable to live results

Sep 2012 -
Apr 2016

Senior Zend Developer

Captura.Me

- Responsible for creating and developing a software for a community of photographers in the Northeast of Brazil, that later on turned into a base for the main branch of the Paraiba Photography association project
- Collaborated with Zend Framework II (Beta Version), fixing the Mysql Rand implementation for a random order by. 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 an installation of a git server in Captura.Me VPS on Dreamhost, providing the most cost-effective solution at the time
- Responsible for the code merge into the main branch, create new features and support of the code
- Assisted the DBA team upgrading the DB Schema, fixing queries and refactoring the Zend II query builder that resulted in a website being 33.3% faster rendering of the website

Jun 2011 -
Jun 2012

Zend I Developer

Vox Technology

- Co-created the program called SIGPlan using Zend Framework I, Mysql and features with Jquery asynchronous
- Developed and managed the project's SIGPub and SigFacil using Zend I as well as SIGISS, built with an in-house framework
- Responsible for the SIGFácil, creating a lot of new features/extensions using PHP 5.3~5.4 and Javascript
- Responsible for refactoring a major change of the interfaces through all HTML templates and CMS pages using Regex

Jun 2010 -
Jun 2011

Yii/EXT-Js developer

Dantel

Less	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Git	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Mercurial	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
VIM	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Teamwork	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Mantis	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Redmine	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>

Skills

Linux	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
SSH	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Cron	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
XDebug	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Refactoring	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Objected-oriented programming	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Design Patterns	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Agile Development (Scrum)	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Data Warehouse	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
ETL (Extract, Transform and Load)	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
CMS	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Code Reviewer	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Github	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>
Bitbucket	<div><div></div><div></div><div></div><div></div><div></div><div></div></div>

Jun 2009 - Jun 2010

Java developer - Data Warehouse ETL

Dataprev - Brazil Social Welfare

- The biggest and rewarding project that I was in, as I could use my skills to help my country Brazil changing the reality(paradigm) from renting very expensive supercomputers to store the whole Brazilians employees database to buy good computers resulting millions of Reais saved for my nation;
- Participated in the BGSD (Unemployment Insurance Management Base), a project of the DATAPREV team that was responsible to grab filtered data resulted from SD project and create a data mart schema in order to develop a data warehouse star schema using Java and Oracle;
- Answerable for a major change to the largest database of Brazilian citizens, resulting in an increase of 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 help to fix a few errors of database exchange;
- Helped to design creative headers for the in-house data program called Netuno an in-house java application.

C and PHP developer

PbPrev - PB social welfare

- Responsible for creating and maintaining a software in C that increases the speed of some old PCs connected to the intranet by 20-30%, utilising forks and exec native C functions, as well as support for internal IT;
- Created a variety of tools to help communications and work process between the county's social welfare workers from the Campina Grande branch, and the main service in João Pessoa;
- Responsible for the major refactoring and expanding of the primary website (www.pbprev.pb.gov.br) using PHP and MVC structures;
- Participated in the team that fixed the problem of the worm Conficker in all PCs on the PBPrev

Feb 2007 - Jan 2008

Education

2007 - 2011

Instituto de educação superior da paraíba(IESP)

Bachelor's degree: Information of Technology

At this university I could raise myself into a better programmer, I was part of a lot of different projects that evolved PHP tools(Study group team), 2D games developing (Firestorm team), free software (GLUGPB - Paraiba GNU/Linux group) and also gadgets like Sunspot from the old Sun Microsystems of which I was the ambassador at the university which inspired a lot of local TED talks and new knowledge about how to become a better programmer.



Brejolivre — Evolution of websites: Drupal the free gear

This talk was a good one, I could show the differences between Drupal, Joomla and Wordpress, recommending to use Drupal, due to their way of programming their modules. I was also able to start a Drupal group, which today is still lead by one of the attendees. As a bonus, I could share some hacks for Drupal.

Ubuntu 10.04 launching — The three stones on my way

Lecture about the Ubuntu launch at the IT school, in front of 200 participants and broadcasting to the whole school. I was also asked to talk about the award my BGSD team won because of my research - which enabled me to show the power of small change in code, that can provide huge results. This talk was a great opportunity for me, being only an intern at DATAPREV, one of the 100 biggest IT Brazilian company.

I Free Software Congress Paraiba Swamp — Choosing to be free as our software

This lecture was selected to be in my resume as I do feel that I helped a community of 400 programmers from the countryside, who were lacking information about how they should approach Free Software.

Mainly I talked about my work environment tools, that were 100% Free Software, how they should approach and appropriately translate a foreign language, and how to help our GNU/Linux community as well as how to get more support/contact with people or groups of developers through the worldwide community.

IV ENSOL — Playing with freedom (free software)

A challenge made by the core group of ENSOL: Only 4 days of programming/planning/design to build a 2D game to demonstrate the effectiveness of Free Software. This lecture demonstrated the idea of community programming during the event, calling people to help to build a new game in order to learn about the subject. The lecture showed the result of the game, explained how anyone can build a game and how it is good to develop an idea with a community.

V ENSOL — Acunhador, my first free baby (importing javascript and css files at runtime)

This lecture was about a tool that I have created to fix a local issue at Dantel, to realise an on-the-fly import of javascript and css. I talked in front of 200 programmers, showing how to proceed when we find an issue like this, explaining my train of thought and all the failed attempts along the way to a cross-browser solution. It was a great way to share my knowledge and quite a few partnerships were built that day.