

Paulo Leonardo Benatto

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Summary

Nerd, hobbit, dwarf. These are the words I had heard most when I was a younger. No, don't get me wrong I would be happy to be Froddo, however I think I'm more like Smeagol. Anyway if you don't know what I'm talking about, no worries I'm kinda weirdo ø/.

Hi, my name is Paulo Leonardo Benatto, but feel free to call me smeagol. I'm a passionate, egoless and eternal learner software developer from south Brazil. After 5 years living in Brighton I have decided to move to Berlin and at this moment I work at Naontek where I'm part of the Backend team. What that means? TBH I don't know, but I spend most of my days reading stack overflow (my lover and soulmate), coding in python, go and deploying at AWS.

I'm a good mood guy and I like to think that I'm a people person as well, because I really enjoy working in a team, pair programming, talking about solutions, code and complaining about java (just a joke =).

I came from the dark side where I spent some years developing software in C ANSI using VI/VIm editor. Yes long long time ago I was addicted and I made use of: vi, valgrind, glib, splint, double free and segfault. Nowadays I use C only to say: "C u later".

Education

Universidade Estadual do Oeste do Parana, BSc in Computer Science, December 2007.

Experience

Naontek

Jan 2020 - Aug 2020

Software Developer

Main Technologies: Python, Go, AWS and Git;

I worked developing REST APIs in Python and Golang. AWS was the cloud environment used.

Altagram

Sep 2019 - Dec 2019

Python Developer

Main Technologies: Python, Postgres and Git;

I worked developing services in Python and deploying to Digital Ocean. For the services the team made use of Flask Framework and Postgres database.

Futrli

Nov 2018 - Aug 2019

Python Developer

Main Technologies: Python, AWS and Git;

I worked developing services in Python and deploying to AWS (Lambda, S3, Step Functions).

Brandwatch

Jul 2016 - Nov 2018

Core Systems Engineer

Main Technologies: Golang, Python and Git;

I was part of a team that develops a project called Bigode that is a centralized configuration state aggregator that presents information on all the significant assets in your IT environment. It is part of my day developing REST API in Go, CLI tools in python and some contact with JavaScript to develop the frontend. I also have been automation tasks in python, writing checks for sensu (monitoring) and deploying using puppet. I worked few months as JavaScript developer maintaining a couple of service in NodeJS.

	Brandwatch <i>Go Developer</i> Main Technologies: Golang, Git; Member of ecommerce service team responsible to develop microservices in Go language.	Feb 2016 - Jul 2016
	Brandwatch <i>Junior Linux Systems Administrator</i> Main Technologies: Linux, Python, Puppet, Bareos, Ansible, Git; My main task was to keep all Debian GNU/Linux servers, physical and virtual, running as smoothly as possible. I enjoy automating tasks using ansible and sometimes I code in Python to make my life easier. My spare time, I like to spend keeping myself updated and studying about programming languages such as Python, Golang and C.	Jul 2014 - Feb 2016
	DBA <i>Software Engineer - Contract</i> Main Technologies: Linux, Python, Raspberry PI and C (GCC, Valgrind, Splint); I was a freelance Software Engineer at DBA, where I helped to develop a shared library using C language and Linux environment. The project was intended to analyse vehicle traffic on Brazilian highways.	Dec 2013 - Feb 2014
	SEC+ <i>Software Engineer</i> Main Technologies: Linux, Python, Django Framework, JavaScript and C; I worked with backend development of web system for intelligent monitoring and management of natural disasters using Python and the Django framework. Front-end with Javascript (jQuery, Bootstrap, Google Maps API), JSON, HTML5, CSS.	Dec 2012 - Dec 2013
	Digitro Technology - NDS <i>Software Engineer</i> Main Technologies: Linux, C/C++, Wireshark, ShellScript; I was a member of the team responsible to design and develop the roadmap features of a product called "Guardião" used to intercept calls and internet traffic (Facebook, WhatsApp and Hotmail) of people who are being investigated by the police.	Jan 2012 - Dec 2012
	Digitro Technology - STE <i>Software Engineer</i> Main Technologies: Linux, VoIP, C/C++, shellscrip, protocols: UDP, TCP, SIP; I worked on the design and development of VoIP products such as PBX, softphone and IP phone. All projects were developed using C language in Linux and Windows environment.	Set 2008 - Dec 2011
Skills Base	<i>Operating System:</i> Linux (Debian, Ubuntu, CentOS), Windows NT/XP/Vista/7 and OSX; <i>Programming Languages:</i> Python plus some experience with C and Go; <i>Languages:</i> Fluent in Portuguese, Intermediate in English and Spanish;	

Open Source Projects

- **libpenetra**: The libpenetra was created with the goal of studying the windows binary format known as Portable Executable (PE). With libpenetra you can access all information about PE binaries. (<https://github.com/patito/libpenetra>)
- **libmalelf**: The libmalelf is an evil library that SHOULD be used for good! It was developed with the intent to assist in the process of infecting binaries and provide a safe way to analyze malwares. (<https://github.com/SecPlus/libmalelf>)
- **malelf**: Malelf is a tool that uses libmalelf to dissect and infect ELF binaries. (<https://github.com/SecPlus/malelf>)

More Info

- **Linkedin**: <http://www.linkedin.com/in/benatto>
- **Github**: <https://github.com/patito>
- **Gitlab**: <https://gitlab.com/benatto>
- **Blog**: patito.github.io