

Fernando Cezar Bernardelli

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CITIZENSHIP Brazil

EDUCATION **Federal University of Parana**, Bachelor in Computer Science
Graduation date: July 2011

Federal University of Parana, Masters in Computer Science – emphasis on advanced networks and security
From July 2011 to January 2013 – Unfinished.

PUBLIC REPOSITORY **Github:** <https://github.com/netcriptus>
LinkedIn: <https://de.linkedin.com/in/fernando-cezar-bernardelli-8b333a32>
StackOverflow: <https://careers.stackoverflow.com/fernandocezar>

PROFESSIONAL EXPERIENCE **Wooga**, Berlin, Germany

Backend Developer **May 2020 to present**

- Part of the team responsible for the general backend services behind all the games in the company.
- Daily active users are on average over 2M, at peak traffic our applications have to handle around 100k requests per second.
- Technologies used for the company backend include Elixir, Phoenix, AWS, Kubernetes and Terraform.

Planet Labs, Berlin, Germany

Backend Developer **June 2017 to May 2020**

- Responsible for architecting and maintaining many systems related to access control, account managing and satellite tasking.
- Occasionally acted as technical team lead when the situation demanded.
- Technologies used for the company backend include Python, Django, Flask and Golang.

Orderbird, Berlin, Germany

Backend Developer **January 2017 to June 2017**

- API architect and developer for distributed systems.
- Technologies used in the company backend include Python, Django and Java.

Dubsmash, Berlin, Germany

Backend Developer **February 2016 to January 2017**

- API architect and developer for microservices.
- Technologies used in the company backend include Python, Django, Golang, PostgreSQL, DynamoDB, Amazon Web Services, Celery, RabbitMQ, git and docker.
- Methods used in the company include Scrum, Kanban and TDD.

EatFirst, Berlin, Germany

Backend and Frontend Developer

April 2015 to February 2016

- API developer for an e-commerce platform, built from scratch.
- Technologies used in the company for backend include Python, Flask, PostgreSQL, Amazon Web Services (S2 and E3 mainly), git, Nginx and docker.
- Stack for frontend include ReactJS, Backbone and RiotJS.
- Methods used in the company include Scrum and TDD.

Titans Group, Sao Paulo, SP, Brazil

Backend Developer

October 2012 to March 2015

- API developer for whitelabel products, including:
 - a file sync software
 - a Contacts management WebDAV compliant server
 - a Single Sign On software and federated environment.
- Occasionally performed pentests in the company's products.
- Technologies used in the company include Python, Django, Flask, Shell Script, MySQL, PostgreSQL, Amazon Web Services (S2 and E3), git, Nginx and MongoDB.
- Methods and tools used in the company include Scrum, TDD, BDD, Mumble and Grove.io (both for communication with inner and remote team)

Mucca Shop, Curitiba, Parana, Brazil

Web developer

July 2012 to October 2012

- Part of the team developing **Orelha de Livro**, a web app for books management.
- Technologies used by the company include Amazon Web Services (S3 and RDS), git, Python, Django and MySQL

LCG Software, Curitiba, Parana, Brazil

Development of web bots and parsers, intern **January 2008 to October 2009**

- Designed and implemented html parsers for sports betting websites.
- Participated in software development of web bots for automated betting.
- Technologies used included Python, Twisted and PAMIE.

P.E.T. Research Group, Federal University of Parana

March 2007 to February 2008

- Ministrated Linux classes inside the University.
- Researched projects using free, open source software, highlights on:
 - Dokeos and Moodle, deployed and compared on a research about e-learning
 - ffmpeg for real time video streaming conversion
- Technologies adopted by the group include C, PHP, Shell Script, Subversion, Python and Django

TECHNICAL SKILLS

Over 8 years of professional and academic experience in Python.

Programming skills in Ruby, C/C++, Shell Script, Javascript and Go.

Experience in web frameworks Django, Rails, Flask, Sinatra and BackboneJS.

Experience with BDD, TDD and Scrum.

Long academic research about advanced mobile networks (mainly MANETs and DTN) and network security.

Skilled with \LaTeX

EVENTS

- Main speaker at the [Golang User Group Berlin](#) 5th anniversary meetup
- Second place award in the [Hack HPI Hackathon 2016](#)
- Attended to **FISL (International Free Software Forum)** in the years of 2008, 2009, 2010 and 2011.
- Attended online cryptography classes from Berkley University in [Coursera](#) (2011)
- Attended Google Developer Day Brazil 2010 and 2011.
- Attended the first edition of IT Security Conference **Silver Bullet**, in Sao Paulo, 2011

VOLUNTEER WORK

- Ministrated Linux classes for children in local poor community.
- Ministrated Linux classes for students at Federal University of Parana