



# Anthony Monthe

## Python/Django Full-Stack Developer

*A hacker, Pythoner, computer whisperer, Djangonaut, Computer scientist, Cloud pratician, Dev[Ops], Shell bilingual, Free software lover, Regular expressionist, tortured by JS, AZERTY pianist and Web creator.*

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## Skills

### Cloud computing

Public cloud, Gandi, Numergy, IBM Softlayer, AWS, Joyent, Digital Ocean, Aruba IT, Heroku, Ikoala, Libcloud, Rackspace, Outscale, Orange Cloud Business, Cloudstack, Google Cloud, Google App Engine, Azure, Openstack, CloudSigma, 1&1, Runabove, CenturyLink, Cloudwatt, Alibaba Cloud, Dimension Data,

### Database and cache

MongoDB, PostgreSQL, Percona, MariaDB, MySQL, Memcached, Redis,

### Deployment

Ansible, Puppet, Vagrant, OpenVZ, Docker, Fabric,

### Development

Python, Celery, ReportLab, Git, SQLAlchemy, AWK, Jinja, Sphinx, Scapy,

### Frontend development

HTML5, CSS3, Javascript, Modernizr, Highcharts, jQuery, Bootstrap, Pure, Select2, D3.js, Angular,

### Network administration

TCP/IP, Cisco, OpenVPN, iptables,

### Supervision and benchmark

Cacti, vdbench, Nagios, Numeter, SNMP, SPEC CPU2006, FIO, sysbench, NRPE, HiBench, IPerf3, SPEC CPU2017, Geekbench 3, Geekbench 4,

### System administration

Linux, Shell, GLPI, ProFTPd, NFS, Samba, Centreon, Hadoop, HAProxy, Debian, Nginx, OS X, uWSGI, Apache, RabbitMQ, Squid, Postfix, Zimbra, Unicorn, Ubuntu, Red Hat, OpenLDAP, CoreOS, Spark,

### Test and continious integration

Sauce Labs, tox, Selenium, Coveralls, Gitolite, CircleCI, Travis CI, Jenkins, GitLab, nose, Coverage, Twine, Codeship, requires.io, AppVeyor, Drone.IO, Snap-Cl, Magnum-Cl, Shippable, wercker, Codecov, Code Climate, Lanscape, Codacy, Gemnasium, Solano CI, Semaphore,

### Web development

Django, Django Channels, Flask, Semantic, Tastypie, Django REST framework, Wordpress, Zinnia, Mediawiki, NodeJS, PhantomJS, Varnish, Drupal,

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# Projects

## **Libcloud** January 2014

- Added Cloudwatt Driver
- Added RunAbove Driver
- Added OVH Driver
- Added Gandi compute features
- Maintain tests and CI
- Maintain AWS instance types and regions
- Many small improvements on various drivers

<https://github.com/apache/libcloud>

## **ao** May 2017

Project owner

<https://github.com/ZuluPro/ao>

## **Django-DBbaackup** January 2015

Working as developer/administrator,

- Made agnostic dump/restore system
- Adapted to Django's Storage API
- Increased code coverage from 0 to 95%
- Added functional tests with all default DB engines
- Implement Travis CI to test most versions of Python/Django

<https://github.com/django-dbbbackup/django-dbbbackup>

## **Moto** September 2015

- Added API endpoints
- Added documentation

<https://github.com/spulec/moto>

## **Django Storages** April 2015

Added DropBox driver  
Improved FTP & SFTP drivers  
Update documentation  
Added unit tests

<https://github.com/jschneier/django-storages>

## **Flickr Pony** April 2016

Project creator and owner

<https://github.com/ZuluPro/flickr-pony>

## **django-requests** April 2016

- Increase test coverage from 15 to 95%
- Add FR translation

<https://github.com/kylef/django-request>

## **Pony-Traffic** May 2016

Project maintainer:  
Implement SEO notions: Visitor, recency, etc  
Added Geolocalisation  
Added tracking

<https://github.com/ZuluPro/pony-traffic>

## **Django-Super-Favicon** April 2016

Project administrator and maintainer

<https://github.com/ZuluPro/django-super-favicon>

## **Pony Admin** June 2016

Project author:  
- Made Admin hack for handle every listing  
- Created code for storage, cloud administration and more

<https://github.com/ZuluPro/pony-admin>

## **Askbot** August 2016

- PEP8-ize code
- Unit test and CI
- Bugfixes and improvements
- French translation

<https://github.com/ASKBOT/askbot-devel>

## **web-rich-object** November 2016

Project creator

<https://github.com/ZuluPro/web-rich-object>

## **django-web-rich-object** November 2016

Project creator

<https://github.com/ZuluPro/django-web-rich-object>

## **newsboard** December 2016

<https://github.com/ZuluPro/newsboard>

Project creator

**OCT** January 2017

Make core more flexible with:

- Customization of each parts
- Operation limits
- Environment data handling

<https://github.com/TheGhouls/oct>

**django-import-export** December 2017

Class based views

<https://github.com/django-import-export/django-import-export>

**django-torrent** October 2017

- Pypi integration
- Django app integration
- Added unit test
- Added admin interface

<https://github.com/tkanemoto/django-torrent>

**django-tables2** January 2018

Added Table Factory

<https://github.com/jieter/django-tables2>

**faker** February 2018

Improved several providers

<https://github.com/joke2k/faker>

**django-pivot2** December 2018

Project creator

<https://github.com/cloudspectatordevelopment/django-pivot>

**django-dbcron** January 2019

Project author

<https://github.com/cloudspectatordevelopment/django-dbcron>

**Numeter** June 2013 to February 2014

- Replaced PHPCake WebUI with a Django one
- Created full mock backend for ease development
- Added agnostic charts API

<https://github.com/redhat-cip/numeter>

**django-images** March 2016

Unit tests and CI

<https://github.com/mirumee/django-images>

**Django Scheduler** June 2016

Improved global and French translation. Made a better admin usage.

<https://github.com/ZuluPro/django-scheduler>

**django-admin-cli** June 2015

Project owner

<https://github.com/ZuluPro/django-admin-cli>

**django-contacts** August 2016

As official maintener:

PEP8-ize

Added tests and runner

Django >= 1.8 fixes

Python 3 compatibility

<https://github.com/myles/django-contacts>

**sphinx-django-command** July 2016

Project author

<https://github.com/ZuluPro/sphinx-django-command>

**clc-python-sdk** November 2017

Python 3 support

<https://github.com/CenturyLinkCloud/clc-python-sdk>

**Duolingo** January 2016

<https://github.com/KartikTalwar/Duolingo>

**softlayer-python** December 2017

Added retry system

<https://github.com/softlayer/softlayer-python>

**faker-cloud** February 2018

<https://github.com/ZuluPro/faker-cloud>

Project owner

**Pony UnitField** March 2018

Project creator

<https://github.com/ZuluPro/pony-unitfield>

**django-tellme** May 2018

Added unit tests

Added CI

<https://github.com/ludrao/django-tellme>

**django-money** April 2018

Added test factories

<https://github.com/django-money/django-money>

**tellme-trello** June 2018

Creator

<https://gitlab.com/ZuluPro/tellme-trello>

**django-pandas** January 2019

- Small fixes

- Django LTS compatibility

<https://github.com/chrisdev/django-pandas>

**pycurlb** February 2019

Project author

<https://github.com/cloudspectatordevelopment/pycurlb>

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## Experiences

**Principal Engineer at Cloudspectator** January 2017

Design, creation and implementation of Cloud Transparency Platform.

**Technical environment:** Public cloud, Data, Numpy, Pandas, Private cloud, Ubuntu, Debian, Red Hat, CentOS, Fedora, CoreOS, Benchmark, Celery, Ansible, GitHub, Big data, Hadoop

**Python Developer at Gandi** January 2016 to May 2016

Developing API for IaaS infrastructure

**Technical environment:** Python, Pyramid, Cloud, Colander, Jenkins, Docker

**Full-Stack Developer at Eau de Web** September 2016 to January 2017

- Improved docker-compose stacks
- Front-end enhancement
- NodeJS backend developer

**Technical environment:** docker rancher nodejs redmine elasticsearch graylog

**Lead Developer UX at Outscale** July 2015 to October 2015

In charge of all web projects:

Cloud Web dashboard maintenance

Principal reviewer and best practices evangelist

Unit tests and continuous integrator

**Technical environment:** Python, Django, Javascript, CentOS, Boto, Docker, Jenkins

**Full-Stack Developer at CloudScreener.com** December 2013 to May 2015

Create and implement framework for benchmark cloud providers

Design WebUI for analyze and compare cloud's performances

Alpha/Beta tests and troubleshooting for private/public clouds

Create a cloud broker dealing with more than 15 providers

Develop an object storage benchmark framework

**Technical environment:** OpenStack, Cloud public, Ubuntu, Debian, Red Hat, CentOS, Fedora, CoreOS,

Benchmark, Celery, Ansible, Docker, GitHub, Travis-CI

## **DevOps at eNovance from Red Hat** February 2013 to July 2015

Linux and network administration:

Level 2/3 support with on-call

Installation, maintenance and evolution of customers' platform

AWS, Google Cloud Platform and OpenStack administration

Development:

Replace Numeter's CakePHP WebUI by a Django one

Create DevOps tools for ease customers' workload

**Technical environment:** OpenVZ, KVM, LXC, Debian, Ubuntu, Red Hat, Puppet, Ansible, OpenStack, AWS, Python, Django, Nginx, Apache, PHP-FPM, Docker, MariaDB

## **GNU/Linux Trainer at AJC Formation** December 2012 to January 2013

GNU administration commands and stream handling

Installation and administration of MySQL

Bash scripting

Miscellaneous administrator tools (screen, vim, etc)

**Technical environment:** Linux, Ubuntu, Shell, MySQL

## **System analyst at Autolib'** September 2011 to October 2012

Linux and network administration:

Level 1/2 support with Linux/Windows platform

Writing installation and operations documentation

Development:

WebUI interfacing Nagios and GLPI

Writing Nagios/NRPE/SNMP tests

**Technical environment:** Debian, Nagios, Nginx, Python, Django, GLPI, Windows Server 2008, uWSGI, Heartbeat

## **System and network Administrator at Security Keepers** January 2011 to September 2011

Datacenter operator:

Bare metals and network streams daily check

Maintenance of current networks

Assembly machine under Debian/OpenBSD

System administration:

Maintenance of Unix/Linux services

International support

**Technical environment:** Debian, OpenBSD, OpenVPN, iptables, OpenWRT

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# Training

## **Bachelor in Computer sciences** February 2013

Object-oriented programming with Java and Python

Linux system and network administration

Relational database management system with Oracle and MySQL

## **Higher technician certificate in System and network** June 2011

Linux system administration

Relational algebra and SQL

Algorithmics and PHP programming

Shell scripting

## **Professional baccalaureate in System and network** June 2009

TCP/IP stack and OSI model  
Cisco switches and routers management  
Linux system and network administration  
Windows Server administration  
Virtual networks (VPN, VLAN)

**Patent of professional Studies in Electronic sciences** June 2007

Analog and digital electronic  
Programming on 68HC11

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## Certifications

**Cloud developer at Google** March 2014

App Engine, Cloud Storage, BigQuery and Compute Engine

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## Hobbies

Skateboarding, hacking, photography and agility