



Stéphane Wirtel

Python Expert Senior

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About Me

Python enthusiast, Python Core Dev, Best Practices Automation and Distributed Systems are my favourite topics. Founder of Mgx.io SPRL. Former Core Dev of Odoo

Languages

- Python ●●●●●
- Go ●●●●●
- C/C++ ●●●●●
- Erlang ●●●●●

Skills

- Python ●●●●●
- Core Developer
- CPython Extensions
- Python packaging
- ...long list...
- DevOps ●●●●●
- Github, GitLab, GitLab-CI, Travis
- Docker, Nomad, Traefik
- Ansible

Current Positions

- Mgx.io SPRL – Charleroi – Belgium** Founder – 2017 – Today
Mgx.io SPRL is a company specialized in consulting, developing and training of applications written in Python.
- Entso-e – Brussels – Belgium** Python Expert – 2019-Q3 – Today
ENTSO-E and all Transmission System Operators need to operate in a clear and safe legal and regulatory framework.

Past Positions

- OncoDNA S.A. – Gosselies – Belgium** Python Expert – 2018-Q3 – 2019-Q2
OncoKDM is a DNA sequencing interpretation platform for biologists and oncologists. Mission in several steps. 1. Audit the code and the quality of the platform. 2. Improve the workflow with the best practices (linter, static analyzer, packaging) 3. Refactoring of the platform with a new platform. 4. Help for the migration from the former platform to the new one.
Creation of a framework for the migration from the former platform (PHP) to the new platform (Django).
Technologies: Django, Django REST Framework, Docker, Gitlab, Gitlab-CI, Traefik, VueJS, AngularJS, Refactoring, Cleanup, Docker-compose, DevPI.
- Université Catholique de Louvain — 2017 – 2018-Q3** Python/Django Developer
Python and Django Coach, Best Practices, Integration with Travis-CI, Custom developments. Integration of Reddot into a custom CMS, Improvements of the performance. Add Functional Tests with Selenium. Use BDD (Behave). Django, Django Rest Framework, RabbitMQ, PostgreSQL
- Haulogy, Nivelles, Belgium – 2017 – 2018-Q3** Odoo Expert
Best Practices Python and Odoo – Gitlab CI – Creation of a framework for the portage of the addons of OpenERP 7.0 to Odoo 8.0 via AST and Python. Docker, Python, Odoo, PostgreSQL
- Makina Corpus, Toulouse, France – 2018-09** Python Trainer
Advanced Python Training
- BNP Paribas, Brussels, Belgium – 2018-06** Python Trainer
Python Training
- Mirounga, France – 2016** Python Expert
PoC for an ERP – Python 3.5, aiohttp, sqlalchemy, aiopg
- RodeoFX, Montreal – 2016-Q2-Q3** Python Coach
Audit Code, Python Training, Advanced Python Concepts, Best Practices, Refactoring, UnitTest, Mocking, Portability, Jenkins CI Server, Deployment
- BPSO – 2016** Python Expert
Broker based on Redis and Python, Dashboard and Web Interface for the jobs and workers.
Spada – 2016 Python Trainer
Saluc S.A. – 2016 Python Trainer
- Real Solutions – 2015 – 2016** Odoo Expert
Development Odoo Addons – Best Practices – Integration with the Activiti project.
Development of Python packages
- Conceptive – 2015** Python Expert
Best Practices – Add RPC Web Services for an existing platform
- Voice Agency S.A. – 2015 Django Consultant
Devoteam – 2014 Python Trainer
- Eezee-IT – 2014** Odoo Expert
Deployment and Customisation of Runbot for the support of BitBucket
- Odoo S.A. – 2008 – 2014** Software Engineer
Core Developer – SaaS Engineer – Technical Project Manager – Technical Trainer – Release Manager – Support Manager
- Descasoft S.A. – 2004 – 2008** Software Engineer
HealthWeb is a Health platform for the patients and the practitioners. Develop a Continuous Integration Server in Ruby, Add Unit Test to the main component (C++), Binding to Java and Delphi with Swig and a handmade generator. Unit tested with JRuby via the Java binding.

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Skills

- Software Development ●●●●●
- Object-oriented programming
- Unit testing, BDD
- Documentation with sphinx
- PostgreSQL, SQLite3
- Redis, RabbitMQ
- Unix environments
- Best Practices

More Skills

- Web API ●●●●●
- Django Rest Framework
- Flask, WerkZeug, Golang
- asyncio/aiohttp/starlette
- REST, GraphQL, XML-RPC
- Web development ●●●●●
- Django, Flask
- VueJS, Javascript
- Communication ●●●●●
- Presenting to conferences

Memberships

- Python Software Foundation
- EuroPython Society
- Association Francophone de Python

Interests

- Programming / Oenology / Nature
- Martial Arts – Karate Shotokan JKA – 1st Kuy

Languages

- French ●●●●●
- English ●●●●●
- Italian ●●●●●
- Dutch ●●●●●

Talks

- What's new in Python 3.8?
- What's new in Python 3.7?
- CPython loves your Pull Requests
- Va debugger ton Python
- Django, from a nightmare to a dream with Best Practices
- Architecture of CPython, the bricks!
- CPython – Bytecode and Virtual Machine
- Exploring our Python Interpreter
- Python and PostgreSQL, a Wonderful wedding
- Evy, Distributed Integration Server

Conferences

EuroPython 2015, 2016, 2017, 2018

Speaker, Co-Organiser, Volunteer

PyCon Canada 2014, 2015, 2016, 2017

Speaker

PyCon France 2010, 2012, 2013, 2014, 2015, 2017, 2018

Volunteer, Speaker

PyCon Germany 2018, 2019

Speaker

PyCon Ireland 2014, 2015, 2016, 2017, 2018, 2019

Speaker

PyCon Italy 2018

Speaker

PyCon Slovakia 2018

Speaker

PyCon UK 2014, 2015, 2016, 2018

Speaker

PyCon US 2014, 2015, 2016, 2017, 2018, 2019

Volunteer, Helper for Tutorials, Language Summit

PyCon Ukraine 2018

Keynoter

PythonFOSDEM 2013, 2014, 2015, 2016, 2017

Co-Organiser, Speaker

Python

EuroPython Society – 2019

Board Member

Promoted as Board Member of EuroPython Society – Co-Organizer of EuroPython 2020

CPython Core Developer – 2019

Commit Rights

Promoted as Python Core Dev since April 2019

CPython Contributor – 2014

Bug Triager

Several contributions to CPython 3.x, devguide, planet, other projects

Member of EuroPython Society – 2014

Member of the workgroups for the organisation of EuroPython

Python Software Foundation – 2016

Community Service Award

Received a Community Service Award during PyCon US 2017 in Portland for my contributions to the Python language and for the creation of PythonFOSDEM (~800 people)

Python Software Foundation – 2015

Members of Workgroups

Member of the #fellow and #marketing workgroups of the Python Software Foundation

Python Software Foundation – 2013

Fellow Member