Stéphane Wirtel

Senior Python Expert

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About Me ——————

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

Languages ——————

French	● ● ● ● ●
English	● ● ● ● ○
Italian	● ● ● ○ ○
Dutch	● ○ ○ ○ ○

Prog. Languages —

Python	● ● ● ● ●
Go	● ● ● ● ○
C/C++	● ● ● ○ ○
Erlang	● ● ○ ○ ○

Skills ——————

Python	● ● ● ● ●
Core Developer	

Current Position

Europen Investment Bank – Luxembourg – Luxembourg Python Expert – 2022/12 – Today
I am a dedicated professional currently employed at the European Investment Bank (EIB) in Luxembourg. In my role, I have the privilege of working on a transformative project aimed at supporting quantitative analysts (quants) in creating robust and scalable business applications using Python.

Job Responsibilities:

As a key member of the EIB's technology team, I play a pivotal role in collaborating with quants to bridge the gap between complex quantitative models and practical, efficient applications. My primary responsibilities include:

- Collaborating closely with quants to understand their requirements and objectives.
- Developing Python-based applications that are not only stable but also capable of handling substantial scaling to meet the bank's evolving needs.
- Ensuring the reliability and robustness of these applications, aligning them with the highest industry standards.
- Providing ongoing support and enhancements to maintain the optimal performance of these business applications.

Mgx.io SRL – Charleroi – Belgium Founder – 2017/04 – Today
Mgx.IO SRL is my company, specialized in consulting, developing and training with the Python programming language.

Past Positions

Freelance – Charleroi – Belgium Freelance – 2014/07 – 2017/03
Freelance position

Odoo S.A. – Grand-Rosière – Belgium Senior Software Engineer – 2008/04 – 2014/06

- Core Developer
- SaaS Engineer
- Technical Project Manager
- Technical Trainer
- Release Manager
- Support Manager

Descasoft S.A. – Charleroi – Belgium Junior Software Engineer – 2004/10 – 2008/04
HealthWeb is a Health plaform for the patients and the practitioners.

- Languages: C++, Delphi, Java, Python, Ruby, HTML, JS
- Backend: Borland C++
- Operating Systems: Microsoft Windows 2000 Server, Linux
- Database: Oracle and Microsoft SQL Server
- Web Frontend: Delphi with Microsoft IIS
- GUI Frontend: Delphi
- Print server: iText2, Tomcat
- Bug Tracker: Trac
- Unit Testing: JRuby + SWIG and handmade generato

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Skills ──────────────

ʅ DevOps   ● ● ● ● ○
- ▤ Github, GitLab, GitLab-CI, Github Actions
- ▤ Docker, Nomad, Traefik
- ▤ Ansible

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

More Skills ──────────

⬡ Web API   ● ● ● ● ○
- ▤ Django REST Framework, Flask
- ▤ aiohttp/starlette/fastapi
- ▤ REST, GraphQL, XML-RPC

🖥 Web development   ● ● ● ● ○
- ▤ Django, Flask
- 🖥 VueJS, Javascript

🎤 Communication   ● ● ● ● ●
- 👥 Presenting to conferences

Memberships ──────────

Python Software Foundation

Python Ireland

EuroPython Society

Association Francophone de Python

Interests ──────────

Programming / Oenology / Nature

Sports ──────────

Running, Walking, Cycling

Karate Shotokan JKA Shodan

Conferences

EuroPython - 2015, 2016, 2017, 2018, 2020
Co-Organiser, Speaker, Volunteer
PyCon Ireland - 2014, 2015, 2016, 2017, 2018, 2019, 2022, 2023
Co-Organiser, Speaker
PyCon Limerick - 2020, 2022, 2023
Co-Organiser
PyCon Canada - 2014, 2015, 2016, 2017
Speaker
PyCon France - 2010, 2012, 2013, 2014, 2015, 2017, 2018
Speaker, Volunteer
PyCon Germany - 2018, 2019
Speaker
PyCon Italy - 2018
Speaker
PyCon Slovakia - 2018
Keynoter
PyCon United Kingdom - 2014, 2015, 2016, 2018
Speaker
PyCon US - 2014, 2015, 2017, 2018, 2019
Helper for Tutorials, Volunteer
PyCon Ukraine - 2018
Keynoter
PythonFOSDEM - 2013, 2014, 2015, 2016, 2017
Co-Organiser, Speaker

Python Contribs

Python Ireland   Co-Director
Promote Python in Ireland
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