

Introduction

Firstname: Stéphane

Lastname: Wirtel

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

[Github](#)

[LinkedIn](#)

Updated: 2025-07-29

Current Position

2014/07 **Senior Python Consultant** Mgx.io SRL
Fulltime
Brussels

Former Positions

2022/12 **Senior Python Consultant** European Investment Bank
Fulltime
Brussels
At the European Investment Bank (EIB), several Python tools were developed to support credit risk modelling and financial data workflows.
The work began with the creation of a multi-interface demonstrator exposing a shared risk library via CLI, FastAPI, Vue.js, Excel (xlwings), and Python.
This was followed by the development of Protog, a credit risk engine computing Expected Losses (both analytical and Monte Carlo), with support for tranching, pari passu, WAVG, and remuneration spreads.
DataTreatment, an ETL pipeline, was built to standardize heterogeneous Excel datasets using Pandera and Pandas, feeding modelling and dashboarding tools.
Additional tools include Cashflow Generator (reporting) and Cashflow-Rebucketer (cashflow normalization).
All tools provide Excel and CLI integration, follow strong engineering standards (typing, testing, profiling, documentation), and are actively used by EIB teams on a daily basis.

2014/07 **Software Engineer** Odoo
Fulltime
Brussels

2004/10 **Junior Software Engineer** Descasoft
Fulltime
Brussels

Projects

- Python
- Unicorn
- Planet Python

Updated on 2025-07-29

Conferences

EuroPython, PyCon Ireland, PyCon Limerick, PyCon Canada, PyCon France, PyCon Germany, PyCon Italy, PyCon Slovakia, PyCon United Kingdom, PyCon US, PyCon Ukraine and PythonFOSDEM

Skills

- Karate
- Wine Tasting