



Olivier Philippon

Python & JavaScript web developer

Skills

Core expertise

[Python](#)

[Django](#)

[TypeScript](#)

[React](#)

Data & systems scalability

[PostgreSQL](#)

[Elasticsearch](#)

[TimescaleDB](#)

[ClickHouse](#)

[Algolia](#)

[Celery](#)

[Redis](#)

[RabbitMQ](#)

Web & API

[REST](#)

[GraphQL](#)

[HTMX](#)

Previous experience

[Wagtail](#)

[Node.js](#)

[Next.js](#)

[Vue.js](#)

[Go](#)

[PHP](#)

[Symfony](#)

[Ruby on Rails](#)

Experience

• Since 2024: Senior fullstack developer at [Activity Stream](#).

📍 Scotland

- Greenfield: With the rest of the team, built and scaled the new Django and React based multitenant platform - where each client has their own high-volume Postgres and ClickHouse databases.
- Brownfield: New features and bugfixes on the business' legacy systems, based on Django and Vue.js. Added integrations to new 3rd-party platforms.
- Established type safety by introducing type hinting across the Python codebases, and mentoring the team on related best practices.

Python Django Django REST Framework Celery Postgres ClickHouse TypeScript
React Vue.js

• 2023 - 2024: Senior developer for the Web agency [Torchbox](#).

📍 Remote

- Greenfield: Led fullstack architecture for a Wagtail/Django platform under tight deadlines, defining content models and consistent code style to ensure long-term maintainability.
- Brownfield: Took ownership of a large legacy Node.js + Elasticsearch system and led its progressive migration to TypeScript to make bugfixing and addition of new features easier.
- Established pragmatic architecture across the team, favoring simplicity over unnecessary abstraction.

Python Django Wagtail HTMX Postgres Node.js Elasticsearch TypeScript React

• 2022: Senior developer for [SportEasy](#).

📍 Remote

- Brownfield: Built fullstack features for this Django and React backend serving 3 million users and handling up to 600 requests/second at peak time.
- Championed type safety by introducing type hints to a 10 years old Python codebase, and sharing associated best practices with the team.

Python Django Django REST Framework Celery MySQL TypeScript React

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My DevBlog:
[devblog.dunsap.com/](#)

Mastodon:
[fosstodon.org/@dunsap](#)

Citizenship:
• France
• UK

Education
1998-2000: DUT S.R.C
*Communication Services
and Networks*

1998: Scientific
Baccalaureate

Open Source
[github.com/olivierphi](#)

Side projects
[ZakuChess](#), my open
source chess Web game
👉

Teaching
HTML/CSS, JavaScript
and Flash teacher for
[Digital Campus](#)

Hobbies
Running, bouldering

Languages
English (fluent)
French (native speaker)

- **2018 - 2021: Lead developer** for Inclusive Energy.

- 📍 Scotland

- Greenfield: Architected and delivered the initial Django + React + GraphQL platform for an IoT solar fleet management system, scaling from pilot to production.
 - Greenfield: Designed API structure and data models to support real-time ingestion and historical analytics workloads.
 - Greenfield: Proactively migrated historical data storage from Postgres to TimescaleDB to support growing real-time analytical workloads as the platform scaled.
 - Led a team of 4 engineers, enforcing coding standards and a simplicity-first architecture to minimize long-term maintenance cost.

Python Django Celery Postgres TimescaleDB MQTT TypeScript React GraphQL

- **2017: Lead PHP APIs developer** for People's Postcode Lottery.

- 📍 Scotland

- Brownfield: Led a team of 4 PHP developers to maintain the existing user-facing APIs and website.
 - Greenfield: Led the development of a new website based on a modernized data layer architecture.

PHP Symfony RabbitMQ Postgres SOAP

- **2014 - 2016: Symfony / JavaScript consultant** for the Web agency KNP Labs.

- 📍 France

- Greenfield: Led a team of 3 developers to build the Collector Square website and CMS, relying on Elasticsearch and Redis as data projection layers.
 - Greenfield: Led a team of 5 developers to refactor the Balinea platform, including the public website, middle-office, back-end, and public/private APIs.

PHP Symfony JavaScript Elasticsearch Redis

- **2008 - 2014: PHP / JavaScript / Ruby / Flash freelance developer**, working with companies such as Le Monde, Mappy, Uzik...

- 📍 France

- Brownfield: Worked on LeMonde.fr, one of France's main news websites
 - Greenfield: Built a mass mailing Ruby on Rails web application for TV France International
 - Greenfield: Led JavaScript development for the Mappy mobile site

PHP Symfony JavaScript Node.js Backbone.js Ruby Ruby on Rails

Early career: 2000-2009

- **2009: Flash Lead Developer** at Tribal Nova, in Montréal.

- 📍 Quebec

- **2006 - 2007: Flash / PHP Developer** for the Web agency "Les Chinois".

- 📍 France

- **2005: Flash / PHP Developer** for the Web agency "WCube".

- 📍 France

- **2000 - 2004: Web Developer** for the Web agency "Lp Digital".

- 📍 France