

Paweł ADAMCZAK

Backend Developer

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I'm a backend developer with almost 10 years of professional experience. I enjoy using and creating software that can be called objectively good, or as close to it as possible. I like tasks that are out of my comfort zone and the knowledge that comes with them. I believe that good practices and attention to detail are very important in general, and especially crucial in IT. I think humility and open-mindedness are two of the most important qualities a person can have.

SKILLS

Programming Languages	Python, Go
Databases	PostgreSQL, MySQL, Redis, Elasticsearch, SQLite
Frameworks	Django, Django REST Framework, Flask, FastAPI, Celery, pytest
Libraries	mypy, Pydantic, httpx, Click, Rich, black, Ruff, Nox, tox, pip-tools, MkDocs
Tools	Docker, Docker Compose, Terraform, CloudFormation, Ansible, git
Other	AWS, GitHub CI, CircleCI, nginx, dokku, OpenAPI, JSON Schema, Sentry, Bootstrap

EXPERIENCE

November 2024 August 2018	Backend Engineer, TWENTY3 Remote / London, UK <ul style="list-style-type: none">Integral part of the team that rewrote company's main football data ingestion pipeline, that imports and post-processes thousands of football events every day (from multiple data providers), and exposes them through an internal API.Responsible for productising proof of concepts created by the Data Science team into MVPs.Helped with implementing best practices, such as:<ul style="list-style-type: none">Developing Continuous Integration and Continuous Delivery pipelinesCreating Docker based development and production environmentsUsing JSON Schema for dynamic API documentationMaintaining a CloudFormation based IaC stackAdding Python type hintsUsing Pydantic for validating data from all our data providersUsing Sentry for error and performance trackingUpgrading Python and Python packages to newer versionsCentralizing log digestionHelped create tools used by major football clubs, media and betting companies, including SkySports, Squawka, LiveScore and William Hill. <div><div>Python</div><div>PostgreSQL</div><div>Redis</div><div>Django</div><div>Django REST Framework</div><div>Celery</div><div>Pydantic</div><div>AWS</div><div>RDS</div><div>ECS Fargate</div><div>CloudFormation</div><div>Circle CI</div><div>Sentry</div></div>
July 2018 September 2017	Platform Developer, VM FARMS Toronto, Canada <ul style="list-style-type: none">Part of a platform engineering team that maintained:<ul style="list-style-type: none">Custom-built deployment pipeline for our clientsClient facing portal, that was used to configure app environments and trigger new deploymentsAll-purpose internal CLI for our operations team, that was the glue between Terraform, Ansible, Consul and VaultWorked directly with our in-house operations team to provide them with the tools to efficiently provision, configure and continuously support our client's infrastructure. <div><div>Python</div><div>PostgreSQL</div><div>MySQL</div><div>Django</div><div>Click</div><div>Terraform</div><div>Ansible</div><div>Consul</div><div>Vault</div><div>Vagrant</div><div>AWS</div></div>
August 2017 October 2016	Backend Developer, OMNI DIGITAL Bristol, UK <ul style="list-style-type: none">Helped create and maintain internal and public facing projects for clients such as NHS, UK Chamber of Shipping and SWNS.Implemented a company-wide Ansible stack used for all deployments. <div><div>Python</div><div>MySQL</div><div>Elasticsearch</div><div>Django</div><div>Wagtail</div><div>Ansible</div><div>Digital Ocean</div></div>

September 2016
September 2015

Backend Developer, **SIDNET SOLUTIONS**

Remote / Warsaw, Poland

- Created and maintained:
 - Schedoodle, an internal tool that helped track work availability of all remote employees
 - Official Polish site for Kolbe personality tests
 - Canola trading platform made for one of the biggest Polish oil distributors
- Responsible for releasing and maintaining some of our open source projects on [GitHub](#).

Python PostgreSQL Django Bootstrap Digital Ocean

September 2015
April 2015

Backend Developer, **JMR TECHNOLOGIES**

Warsaw, Poland

- Helped develop and release two of the company's biggest (at the time) Python projects:
 - Fully multilingual and customisable product knowledge base
 - Parcel tracking status aggregator that integrated with multiple delivery companies
- Responsible for managing our production server and creating most of our provisioning automation scripts.

Python MySQL Elasticsearch Django Fabric



EDUCATION

2013 – 2016 Warsaw University of Technology
2010 – 2013 I Liceum Ogólnokształcące w Zielonej Górze



PROJECTS

PYMONZO

[github.com/pawelad/pymonzo](#) <https://pymonzo.pawelad.dev/>

Modern Python API client for [Monzo](#) public API.

Fully type annotated, with explicitly defined and validated API schemas (via [Pydantic](#)), sensible defaults, easy authentication (with automatic access token refreshing) and optional [Rich](#) support for pretty printing.

Python Pydantic httpx GitHub CI MkDocs Read the Docs

MONZ

[github.com/pawelad/monz](#) <https://monz.pawelad.dev/>

Simple CLI for quickly accessing your [Monzo](#) account.

Built on top of [pymonzo](#).

Python Click Rich GitHub CI MkDocs Read the Docs

FAKESTER

[github.com/pawelad/fakester](#) <https://fakester.pawelad.me/>

Rickroll your ~~boss~~ friend while preserving the element of surprise.

Simple Django website that allows creating URL redirects that help fool your ~~boss~~ friend.

Python Django Bootstrap GitHub CI dokku

MUSIC SNAPSHOT

[github.com/pawelad/music_snapshot](#)

Save a snapshot of your day as a Spotify playlist.

CLI for saving a part of your music listening history (taken from Last.fm) and saving it as a Spotify playlist.

Python Click Rich GitHub CI



LANGUAGES

Polish ● ● ● ● ●
English ● ● ● ● ○



INTERESTS

- traveling
- nba
- live music
- open source
- photography
- music making
- tv series
- movies



REFERENCES

Michał Wojciechowski
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Alexandre Byeon
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Kyle Joseph
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