Paweł ADAMCZAK
Backend Developer

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📍 Kraków, Poland

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
Frameworks	Django, **Django REST Framework**, Flask, FastAPI, Celery, **pytest**, Bootstrap
Libraries	**mypy**, **Pydantic**, **httpx**, Click, Rich, **black**, **Ruff**, **Nox**, tox, **pip-tools**, MkDocs
Tools	**Docker**, **Docker Compose**, **Terraform**, CloudFormation, Ansible, git, zsh
Other	AWS, **GitHub CI**, CircleCI, nginx, dokku, OpenAPI, JSON Schema, **Sentry**

💼 EXPERIENCE

November 2024 — **August 2018**

Backend Engineer, TWENTY3 — Remote / London, UK

- ❯ 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.
- ❯ Implemented best practices, including:
  - ❯ Continuous Integration and Continuous Delivery pipelines
  - ❯ Docker based development environments
  - ❯ Using JSON Schema for dynamic API documentation
  - ❯ Creating company's CloudFormation based IaaC stack
  - ❯ Adding Python type hints
  - ❯ Using Pydantic for validating data from all our data providers
  - ❯ Using Sentry for error and performance tracking
  - ❯ Centralizing log digestion
- ❯ Helped create tools used by major football clubs, media and betting companies, including SkySports, Squawka, LiveScore and William Hill.

`Python` `PostgreSQL` `Redis` `Django` `Django REST Framework` `Celery` `Pydantic` `AWS` `ECS` `CloudFormation` `Circle CI` `Sentry`

July 2018 — **September 2017**

Platform Developer, VM FARMS — Toronto, Canada

- ❯ Part of a platform engineering team that maintained:
  - ❯ Custom-built deployment pipeline for our clients
  - ❯ Client facing portal, that allowed them to configure app environments and trigger new deployments
  - ❯ All-purpose internal CLI for our operations team
- ❯ Worked directly with our in-house operations team to provide them with the tools to efficiently provision, configure and continuously support our client's infrastructure.

`Python` `PostgreSQL` `MySQL` `Django` `Click` `Terraform` `Ansible` `Consul` `Vault` `Vagrant` `AWS`

August 2017 — **October 2016**

Backend Developer, OMNI DIGITAL — Bristol, UK

- ❯ 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.

`Python` `MySQL` `Elasticsearch` `Django` `Wagtail` `Ansible` `Digital Ocean`

September 2016 September 2015	**Backend Developer,** SIDNET SOLUTIONS	Remote / Warsaw, Poland

> Created and maintained:
>> Schedoodle, an internal tool that helped track availability of all 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	Alexandre Byeon	Kyle Joseph
CEO, SIDNET SOLUTIONS	*Principal SRE*, PRODIGY EDUCATION	*Full Stack Developer*, TWENTY3
michal@sidnet.info	tidhilm@gmail.com	kyle@seoplay.co.uk