Curriculum Vitae
Piotr Waszkiewicz

Personal Data

Birth date:	23th of October 1993
Address:	Sokołowska 24/26 m. 99 Warszawa
Phone:	+48 506 743 135
E-mail:	waszka23@gmail.com / piotr.waszkiewicz@radpal.pl

Work Experience

2020 - ...

Booksy International sp. z o.o.
backend Python developer in 'Payments team'

Python PostgreSQL Django Redis Elasticsearch Celery

I work as a Python developer responsible for integrating our POS solution with external payment provider (designing solutions, implementing and documenting my work). We work in a team of 5 (3 developers, 1 business, 1 tester). I'm also responsible for contacting with payment provider, when new features are requested.

2018 - 2019

Mindhive sp. z o.o. *(former Loterity sp. z o.o.)*
main backend developer of Plibo system

Python PostgreSQL Flask Redis Dramatiq

I was the main Python developer of the Plibo app (https://plibo.eu/). We worked in a team of 7 (2 backend devs, 2 mobile devs, 2 business, 1 designer). I took care of preparing documentation, dividing and assigning tasks. We worked in Scrum, with daily standup meetings and retrospections. We had almost full test coverage (95%), with automatic deployments to staging server. Deployment was done manually at the start of week.

2017 - 2018

Loterity sp. z o.o.
backend Python developer

Python PostgreSQL Django Redis JavaScript

I was a Python developer working on creating lottery systems for clients around the world. I worked both on the core system responsible for storing and managing client data, as well as backend of the graphical tool for managing lotteries (written in Django).

2015 - 2017

Contract work as a teacher
at Warsaw University of Technology:

Algorithms and Data Structures I
Algorithms and Data Structures II
Operating Systems
Theory of automata and languages
Theory of algorithms and computations

Education

2016 - 2017 **Student of Warsaw University of Technology**
Faculty of Mathematics and Information Sciences
Master's degree - Artificial Inteligence

Thesis **Rejection Option in Pattern Recognition Problem - Selected Issues**
I experimented with multidimensional figures to create alternative approach to classification and pattern rejection problem. The best results were achieved using ellipsoids. The thesis was an extension to my previous two scientific publications.
Available at https://github.com/Waszker/MasterDegree/

2012 - 2015 **Student of Warsaw University of Technology**
Faculty of Mathematics and Information Sciences
Bachelor's degree

Thesis **Remotely Controlled Home Supervision System**
The project, made in a group of three, consisted of multiple semi-microservices that together created an ecosystem for remotely controlling status of apartments. The system allows the management of electrical sockets (turning on/off), garden watering, video preview, temperature control, etc. It is highly modular solution.
Available at https://github.com/Waszker/WRH—Raspberry/

Scientific Publications

2016 | *Pattern Recognition with Rejection*
Combining Standard Classification Methods with Geometrical Rejecting
15th IFIP TC8 International Conference, CISIM 2016

2017 | *Regression Models for Classification with Foreign Patterns Rejection*
International Conference On Recent Innovations In Engineering And Technology (ICRTET)

Private projects

Full Stack: **Radiation Dose Registration System 'RadPal'** (https://www.radpal.pl/)
Python PostgreSQL Django DjangoQ TypeScript Playwright React ansible
I work in a team of 4 (2 developers, 2 business) as a full-stack developer (backend+frontend+devops). We create solutions for medical places in Poland. Our project helps in monitoring radiations doses applied to patients during radiological treatments, and is already used by 10+ clients.
Our program is dockerized and easily deployed via ansible scripts.
We have good test coverage (unit tests, e2e tests), full documentation (written in Latex, document automatically compiled via dedicated GitHub action, with always up-to-date screenshots of the app taken via Playwright), automatic deployments. We use GitHub actions along with our in-house self-hosted scaled action runner. I also take care of preparing and configuring machines for clients (if requested, simple servers running Ubuntu). All configurations (prod servers, vpn clients, etc.) is stored in ansible scripts.
Everything is connected within our VPN, and monitored in Graphana.

IoT: **Smart Home System**
WiFi Socket operating on ESP-01 module
Automatic watering system based on the Adafruit Huzzah module
IP camera based on Raspberry Pi Zero device

Github: https://github.com/Waszker

Skills

Knowledge:

Python ●●● TypeScript ●●○ PostgreSQL ●●○ Flask ●●○
pytest ●●● Django ●●● React ●●○ Vue.js ●●○
git ●●● docker/docker-compose ●●● ansible ●●○

Operating systems:

Linux ●●●
Android ●●○
Windows ●○○

Driving license: category B

Interests

Hobby: Programming, Mineralogy, Aquaristics, DIY mechanical keyboards

Sport: Sailing (yachtsman patent), Climbing and mountain hiking

Languages

English: CAE certificate