

# Kacper Czekaj

PYTHON SOFTWARE ENGINEER · CLOUD DEVELOPER

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## Experience

### Revolut Ltd.

Kraków, Poland

PYTHON SOFTWARE ENGINEER

2022 Apr. - current

- Develop and maintain cloud infrastructure using Terraform.
- Build and maintain ETL framework for transaction reporting.
- Build and maintain backend for web application, responsible for tracking trades and alert about malicious ones.

#### TECH STACK

- Cloud: GCP Cloud Storage, Kubernetes
- Other: Python 3.10, Docker, Linux, OpenSSL, HashiCorp Vault, Celery, SQLAlchemy, Apache Airflow, PostgreSQL, Exasol, JIRA, Confluence, git, BitBucket

### Capgemini

Kraków, Poland

PYTHON CLOUD DEVELOPER

2021 Jun. - 2022 Apr.

- Lead dev of the cloud-native project
- Built and deployed overall service infrastructure utilizing Docker container, and AWS stack, focusing on authorization, and auto-scaling.
- Developed an easy-to-use web application, allowing users to connect via RDP or SSH with machines outside Capgemini network.
- Actively took part in the architecture design process.

#### TECH STACK

- AWS: CloudFormation, VPC, EC2, ECS, ECR, Route53, ELBv2, RDS, DynamoDB, CodePipeline, S3
- Other: Python 3.10, Docker, Linux, OpenSSL, HashiCorp Vault, Apache Guacamole, JIRA, Confluence, git, BitBucket

### Autodesk, Inc.

Kraków, Poland

TEST ENGINEER

2020 Jun. - 2021 Jun.

- Developed and maintained regression test framework with REST API.
- Developed software for 3D object comparison in Python.
- Orchestrated automatic test launcher with Jenkins pipeline, hosting the test results on s3 bucket as HTML pages.
- Pushed initiative to refactor old codebase and reduce tech debt to minimum, and as a result tests duration was reduced greatly.

#### TECH STACK

- Cloud: In-house cloud computing platform, AWS S3
- Other: Python 3.7, C++17, Docker, Linux, OpenSSL, Allure, Behave, OpenCV, Jenkins, JIRA, Confluence, git, GitHub

### Woodward, Inc.

Niepołomice, Poland

TEST ENGINEER

2019 Sep. - 2020 Jun.

- Developed Flask web application from scratch, with Bootstrap frontend.
- Developed programs in NI TestStand and Labview.
- Gathered data from physical test stands into PostgreSQL instance and processed it for display.
- Developed custom log in solution for web application based on LDAP and AD

#### PRODUCT MATERIAL COMPLIANCE INTERN

2018 Jul. - 2019 Sep.

- Validated electronic components against environmental directives (RoHS, REACH, Conflict Minerals).
- Automated the validation process with VBA and Python scripts

#### TECH STACK

- Python 3.7, Flask, Docker, pyODBC, SQLAlchemy, tkinter, pandas, numpy, openpyxl, PostgreSQL, pywin32, JIRA, Confluence, git, GitHub

## Education

### AGH University of Science and Technology

Kraków, Poland

B.ENG. IN MATERIAL SCIENCE AND ENGINEERING

2013 - 2018

## Skills

<b>DevOps &amp; Cloud</b>	AWS, GCP, Docker, Kubernetes, Terraform, Jenkins
<b>Back-end</b>	Flask, FastApi, Django, Bottle, gunicorn, REST API
<b>Databases</b>	PostgreSQL, Exasol, SQLAlchemy, pyODBC, sqlite
<b>Programming Languages</b>	Python, C++, LaTeX Polish, English