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 comparision 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.
- Gethered 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, PosgtreSQL, pywin32, JIRA, Confluence, git, GitHub

Education

AGH University of Science and Technology
Kraków, Poland

B.ENG. IN MATERIAL SCIENCE AND ENGINEERING
2013 - 2018

Skills

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