

Mikołaj Gradowski

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mgradowski in

— EXPERIENCE —

BitPeak sp. z o. o.

Data Engineer

Mar 2022 – Oct 2023

(remote) Warsaw, Poland

- As part of a small team, took on L2 support duties from a previous vendor for an enterprise data platform using legacy Informatica, and newer AWS-native components.
- Played a key role in the development of new ELT pipelines and reports integrating data from four distinct Salesforce instances.
- Planned a migration to Delta Lake, the pilot deployment of which has achieved a 10-fold reduction in S3 costs.
- Led the integration of dbt into the platform; developed an approach that avoided any modifications to the existing SQL codebase.
- Assisted in developing and implementing change management processes for coordinating the work of multiple software vendors.
- Mentored and provided guidance to several junior colleagues.
- Received excellent performance reviews for 2022; later offered a promotion to the role of software architect in recognition of technical contributions.

STU ERGO Hestia SA

Business Analyst Intern

Jul 2021 – Feb 2022

Sopot, Poland

- Developed reports aiding regional managers in the vehicle insurance sector.
- Automated business processes around the office.

“Alternatywa” music club

Sound engineer

Nov 2018 – Mar 2020

Malbork, Poland

- Managed stage equipment, coordinated setups with performers, mixed audio live during concerts, stand-ups, etc.

www.fabax.pl

Website design and implementation

Sep 2018

Malbork, Poland

- First work as a contracted solo programmer during high school.

— EDUCATION —

Gdańsk University of Technology

Data Engineering, B.Eng. — Incomplete

Oct 2019 – Oct 2022

Gdańsk, Poland

- English-taught undergraduate degree.
- Paused during the final semester to pursue full-time employment.

— SKILLS —

SQL databases and data warehouses: Redshift, Postgres/PostGIS, Oracle®, Apache Hive™, ClickHouse ◦ cloud platforms: AWS, Azure (mostly AKS) ◦ Kubernetes ◦ Python ◦ PySpark (both batch and streaming) ◦ table formats: Delta Lake, Apache Iceberg ◦ Apache Flink ◦ computer networking ◦ IaC tools: Terraform, CloudFormation ◦ workflow management: dbt, Apache Airflow, StepFunctions, Dagster ◦ NoSQL databases: DynamoDB, Redis, MongoDB ◦ version control (Git) ◦ containerization: Docker, Podman+Buildah, ◦ CI tools: CodePipeline+CodeBuild, Gitlab CI, GitHub Actions, ◦ server administration (Linux) ◦ Polish (native), English (C1)

— PROJECTS —

Real-time fall detection

2021

Computer vision

university project

- A fully-convolutional neural network to detect fallen people at >30fps.
- Short video demonstration — https://youtu.be/xtDYDrC_Y38.
- Code available here — <https://github.com/mgradowski/aiproject>.

Optical tracking for billiards

2020

Computer vision

hobby project

- Built with OpenCV.
- Proof of concept video demonstration — <https://youtu.be/fSLNEglZxrE>.