

Grzegorz ŚLIWIŃSKI



PROFILE SUMMARY

Principal Python Software Engineer and Project Tech Lead, 13 years in AdTech. Leads technical direction, designs scalable **Python/Go systems**, and improves the processes around them. Favours incremental, adoption-led change over rewrites, backed by the tooling and documentation that make it stick.

CONTACT DETAILS

@ fizyk@fizyk.dev

PERSONAL INFORMATION

Citizenship: **Polish**
Languages: **Polish** (Native), **English** (Fluent / Professional Working Proficiency)

SKILLS

- Python, Go
- FastAPI, Django, Django Rest Framework, fasthttp, Flask, SQLAlchemy, Alembic, Pytest (including plugin development), Pyramid
- **AWS** (Glue, Lambda), **GCP** (BigQuery)
- AWS Redshift, PostgreSQL, DynamoDB, Redis
- Docker, Docker-compose, Terraform
- Azure Pipelines, Bitbucket Pipelines, GitHub Actions
- **MCP servers**, memory and performance profiling
- mise/asdf, pre-commit/prek

EXPERIENCE

PRINCIPAL PYTHON SOFTWARE ENGINEER at *Spyrosoft* **2026.01–Present**

- ♦ Two projects for one AdTech client. Established the codebase's **Architecture Decision Records** practice, using Nygard's template, and brought the team onto automated dev tooling version management (mise/asdf) with pre-commit hooks (prek).
- ♦ Delivered features through **AI-assisted development**, using Claude to refine, plan and implement, with self-review and team code review kept as gates.

Campaign planning support tool **2026.05–Present**

- ♦ Productionised an internal experiment into a running service, implementing its API and **MCP server**.
- ♦ Cut the service's memory footprint to its **FastAPI runtime baseline** after introducing memory profiling.

Campaign management platform **2026.01–2026.05**

- ♦ Took over the **reporting component** as the colleagues holding it were moved to another project, ironing out implementation details through the handover.
- ♦ Inherited a reporting feature the previous team had built in its final week and **halved its BigQuery cost**.

STAFF PYTHON ENGINEER at *Avenga* **2025.09–2025.12**

- ♦ Engineer on a **Go-based bidder** built on **Fiber** (fasthttp), on GCP with BigQuery.
- ♦ Restored code quality tooling the team had abandoned, and the tool-version pinning it needed to stay consistent across developers.
- ♦ Identified maintainability and auditability risks in a SQL-query-based targeting implementation and proposed an alternative direction for it.
- ♦ Introduced the same **ADR** practice to the bidder codebase.

PROJECT TECH LEAD at *Clearcode* / *Avenga* **2023.01–2025.08**
Also operating as Staff Python Engineer **2025.01–2025.08**

- ♦ Took technical leadership of the **video ad-server** in 2023, after more than a year on it as an engineer, and saw the four-year project through to its close — scoped to the project rather than a team, once the acquisition had dissolved Clearcode's team structure.
- ♦ Clearcode merged into **Avenga** in January 2025.
- ♦ Led the technical direction of AdTech systems in Go and Python.
- ♦ Worked with Product Owners on requirements, and split them into tasks.
- ♦ Cut quarterly planning from a full week to under an hour by keeping alignment with the Product Owner continuous rather than quarterly.
- ♦ Rewrote the documentation so clients and the team could find what they needed.

SENIOR ENGINEER at *Clearcode*

2021.10–2022.12

- ◊ Stepped back from team leadership by choice to build the **video ad-server** as an engineer, having designed it that June.
- ◊ Built and maintained scalable AdTech systems in Go and Python.
- ◊ Worked directly with clients on functional and non-functional requirements.

TEAM TECH LEAD at *Clearcode*

2017.01–2021.10

- ◊ Ran the team's technical work, from system design through the delivery lifecycle.
- ◊ Handled shifting client requirements as projects moved.
- ◊ Turned requirements into tasks and planned how they landed.

PROJECT MANAGER at *Clearcode*

2016.01–2016.12

- ◊ Took the role over on the outgoing PM's recommendation.
- ◊ Rebuilt team morale and defused a strained client relationship.
- ◊ Reworked the team's workflow.
- ◊ Managed a team of up to **17 people**.

PYTHON DEVELOPER at *Clearcode*

2013.06–2015.12

- ◊ Built and maintained real-time bidding DSP platforms.
- ◊ Took the core product from proof of concept to production, architecture and monitoring included.
- ◊ Held ad impression reporting to a **2% discrepancy**, against a 10% industry norm.

PYTHON DEVELOPER at *Red Sky sp. z o.o.*

2010.10–2013.05

PHP PROGRAMMER at *Webstyle Systems*

2010.03–2010.07

EDUCATION

MASTER OF SCIENCE IN SOFTWARE ENGINEERING. *Wrocław University of Science and Technology*.

2007–2010

ENGINEER, INFORMATION TECHNOLOGY FACULTY, COMPUTER SYSTEMS AND NETWORKS. *University of Information Technology and Management "Copernicus"*.

2003–2007

CERTIFICATIONS

AWS CERTIFIED SOLUTIONS ARCHITECT – ASSOCIATE ◊ 2019–2022, Credential ID: AWS00961561