

Piotr Mikler

Quantitative developer

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Profile

Python developer with background in financial mathematics. Experienced in solution design and software development, currently looking for a technical role providing exposure to data engineering and/or cloud technologies.

Areas of Expertise

Python - Git - Software development & testing - Scrum - JIRA - CI/CD - Quantitative methods - Mathematics - Statistics

Professional Experience

Quantitative Developer, UBS **Kraków, Poland** 04/2021 - present

- Lead developer in a team of quant analysts/developers focused on delivering data solutions & services across the Risk function
- Responsible for stakeholder management, process management, solution design, application development and testing
- My main footprint was leading the transformation of the product line from 2 csv datasets created in a semi-manual fashion, into a modern containerized full-stack data service, providing data, reports and analytics across the bank's Risk function
- My non-technical impact included coaching junior team members, networking with other specialists within the bank to bring relevant solutions into the tech stack, and delivering on-campus workshops for students
- Main technologies & frameworks: Python, R, CI/CD, Unit tests, REST, poetry, bash, GitLab, Docker, Scrum

Fund/Client Accounting, BNY Mellon **Wrocław, Poland** 10/2019 - 10/2020

- Responsible for timely and accurate Net Asset Value calculation and releases for multiple mutual funds.
- Development of bespoke VBA tools for daily tasks automation.
- Creator of a VBA system automating 90% of the daily pipeline
- Main technologies & frameworks: Excel, VBA, Python

Courses & Certifications

- IBM Applied DevOps Engineering Specialization (Nov. 2023) - [IBM/Coursera](#)
- Agile Project Management (Jul. 2023) - [Google/Coursera](#)

Education

M.Sc. Financial Mathematics *Akademia Górniczo-Hutnicza* **Kraków, Poland** 2020-2023

B.Sc. Applied Mathematics *Politechnika Wrocławska* **Wrocław, Poland** 2016-2020

Languages

- **Polish** [Native]
- **Italian** [Intermediate]
- **English** [Full professional proficiency]