

Michal Nawrocki

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github.com/michal-nawrocki

www.nawrocki.dev

Profile

Software developer with 5 years of commercial software development experience. Has great understanding of software engineering and a passion for self-improvement. Is ready to tackle any problem and continue his self-taught programming journey. Interested in remote offers for engaging and exciting projects.

Skills

- Fast learner
- Responsible
- Fluent in Polish, English, German
- Good with managing time
- Open to new experiences
- Creative
- Great with working in teams
- Reliable

References

[Michal Domagala](#)

Engineering Manager

Flyr, Cracow, PL

[linkedin.com/in/michal-domagala-pl](https://www.linkedin.com/in/michal-domagala-pl)

Interests



Gaming



Synthwave Music



Reading



Foreign Languages



Sci-Fi Movies



Cooking



Playing the Guitar

Technical skills

Languages

Python, JS, TS, Java,
SQL, C#, C/C++, Haskell,
HTML/CSS, Rust

Tools/Platforms

JetBrains, VS Code, Git,
Docker, Argo, AWS,
Kubernetes, PostgreSQL

Frameworks

Django, DRF,
FastAPI, Flutter,
Flask, SQLAlchemy

Main areas of experience

- Object-oriented programming
- Test-driven development
- Dockerization/Containers
- Web services infrastructure
- Software engineering
- REST APIs
- Algorithms
- Microservices

Education

[MSci Computer Science with an Industrial Year // 2016 - 2021](#)

University of Birmingham, UK

Upper Second-Class Honours (2:1, 3.75 GPA)

Master's Project: Implementing a password manager product that uses voice authentication (Written in Python, Flutter and Google Cloud)

Noticeable modules: Operating Systems, Networks, Network Security, Mobile computing with Android, Security of Real-World Systems, Algorithms and Complexity, Intelligent Robotics, Functional Programming

Work experience

[Python Engineer // July 2023 - Current](#)

World Food Programme, Rome, Italy (remote work)

Responsibilities/Tasks/Duties:

- Created from scratch Flask-based REST APIs to provide data aggregation across multiple country offices that work with WFP
- Designed and deployed services using AWS that are used in emergencies across the globe
- Implemented various AWS services across multiple projects (i.e. Lambda, SNS, S3, EC2, Athena, Glue, RDS, API Gateway)
- Took over services and apps from contractors and expanded them

[Software Developer // November 2022 - July 2023](#)

Flyr, Cracow, Poland (remote work)

Responsibilities/Tasks/Duties:

- Extracted components from a monolith-based application into various microservices written in Python
- Improved and expanded Fast API microservices with new functionality
- Worked on implementing PubSub and other Google Cloud services into multiple products
- Took part in designing user-management infrastructure that used Auth0
- Debugged user applications and worked on DevOps tasks that required Docker, Kubernetes and Google Cloud

[Software Developer // July 2019 - November 2022](#)

Yobota, London, UK (remote work)

Responsibilities/Tasks/Duties:

- Expanded a simulation app written in Python used to predict the behaviour of the in-house banking platform using REST APIs
- Improved and expanded Django REST Framework-based microservices with new features and endpoints
- Took part in platform design discussions
- Containerized services using Heroku, AWS, Docker and Ansible