

Dmytro Movchan

Senior Backend Developer

mail@dmtmov.me • linkedin.com/in/dmtmov • @dmtmov

SUMMARY

- Over 10 years of experience in Python stack development across various business domains.
- Successfully delivered 10+ projects (both commercial and private) of varying complexity.
- Skilled in balancing business requirements with technical solutions.
- Strong product-oriented mindset alongside project management expertise.
- Passionate about DevOps and infrastructure stuff.
- Experienced interviewing candidates for middle to senior roles and mentoring junior colleagues.
- Adept at taking on challenges and leading projects.

EXPERIENCE

Senior Software Developer – *Particles Global*

April 2023 – Present

Enhanced the MVP of the Data Platform for an IoT startup, focusing on calculating and presenting business metrics through charts and reports. Developed role-based API access for tablets used by restaurant personnel and managers.

Acted as a technical expert during pre-sale discussions in a company-wide role, consulted on system architecture design, and interviewed candidates for middle to senior roles.

Technologies: Python, FastAPI, Celery, Redis, PostgreSQL, SQL, Knowi/Metabase, MQTT, GCP, GitLab, Docker, Kubernetes.

Achievements:

- Scaled the system to handle 10,000 hourly messages.
- Implemented comprehensive CI/CD pipelines and conducted MQTT load testing.

Software Developer – *Icanbwell*

January 2021 – October 2022

Participated in building a PaaS service for the Marketplace products. Enhanced the developers' experience by providing scoped access to the different parts of the Platform. Built an AuthService used company-wide, focusing on secure access and integration.

Technologies: Django, Flask, FastAPI, OAuth2, Node.js/Express.js, AWS, Terraform, Kubernetes, Helm, GraphQL, MongoDB, Tyk.io, Datadog, Grafana, Prometheus, Docker, GitHub CI/CD, Ping Identity.

Cloud Platform Developer – *Geneyx*

January 2020 – August 2020

Developed a serverless web application for genomic data analysis, facilitating effective collaboration with stakeholders and bioinformatics, and leveraging various data storage and computing services.

Technologies: AWS, AWS-SDK, Python, Docker, Git, bash tools, third-party integrations.

Achievements:

- Successfully processed ~70,000 COVID datasets during a critical short period.

Python Backend Developer – MOQOD

September 2018 – August 2019

Engineered APIs, designed database schemas, and managed infrastructure setup for a Dutch startup. Optimized asynchronous tasks for the big-data project. Created a responsive chatbot.

Technologies: Python, Django, DRF, PostgreSQL+GIS, MongoDB, Redis, RabbitMQ, Memcached, Celery, Elasticsearch, Google Vision AI, GitLab, Firebase, CI/CD setup.

Platform Backend Engineer – GSN Games

July 2017 – September 2018

Been responsible for developing and maintaining APIs and BI tools for a high-load web/mobile gaming application. Introduced daily minigames and a bonus/emailing system to boost user engagement and retention; implemented a configurable algorithm for distributing users across gaming tables considering A/B testing.

Technologies: Python, Django, DRF, Flask, MySQL, MongoDB, Redis, Celery, AWS, CI/CD, Jenkins, Vertica, Grafana,

Fullstack Python Developer – Vantino Ltd

March 2016 – June 2017

Developed and maintained a range of web apps and APIs, including a business social network, web catalogs, and a freelance lecturers platform.

Responsibilities: Full-stack development and maintenance of various web applications.

Technologies: JavaScript, HTML, CSS, jQuery, Python, Django, Celery, Scrapy, MySQL, PostgreSQL, Elasticsearch, Memcached, Redis, Docker, Git.

EDUCATION

Master of Computer Science and Systems

2006 – 2011

Berdyansk State Pedagogical University

Pathways: Programming languages, networks, security