

MATEUSZ JASIŃSKI

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Senior software engineer with 9+ years of experience; designing, implementing, and operating production backend systems in Python. Specialized in building complex web-based services, utilizing distributed-system architecture, and event-sourcing. Has delivered 10+ products across domains, including finance, healthcare, and science, driving technical decisions and mentoring engineers. Effective in distributed, cross-time-zone teams through strong asynchronous communication and leadership skills.

TECHNICAL SKILLS

Languages: Python, SQL

Frameworks: Django, FastAPI, Celery

Data & Messaging: PostgreSQL, Apache Kafka, Redis, Elasticsearch, Neo4j/FalkorDB

Architecture: Distributed systems, DDD, event-sourcing, ports/adapters, microservices, REST API design

Infrastructure & Cloud: Kubernetes, Docker, AWS (Lambda, S3, SQS), CI/CD

Practices: Asynchronous programming, system design, mentoring, technical leadership

AI Tooling: Claude (custom skills & agents), AI-assisted development workflows

PROFESSIONAL EXPERIENCE

Kellton Europe (formerly Tivix) - Wrocław / Remote - Full time
Software Engineer → Lead Engineer

Aug 2017 - Present

Progressed from an individual contributor to a technical lead across multiple projects in finance, healthcare, and science.

- Designed and delivered backend systems in Python (Django, FastAPI) for 10+ client products in finance, healthcare, and science, owning architecture from API design through deployment on Kubernetes/AWS.
- Cooperated with the design and product teams on translating product requirements into scalable API contracts and data models.
- Mentored engineers through feature implementation, raising code quality and shipping velocity; organized and hosted more than 6 company meetups.

DoveMed Ltd. - Remote - Part time
Senior Software Engineer → Product Owner / Lead Architect

Nov 2019 - Dec 2023

Part-time technical lead and architect for digital health products, held alongside a full-time role at Kellton. Built consumer-facing products serving U.S. patients and providers — geo-based provider discovery, in-system payments, and content platforms — owning architecture and key technical decisions across the portfolio.

- Led a team of 4 engineers to architect and deploy healthcare applications within a 3-4 month timeframe.
- Designed and implemented an API handling 40000+ unique users daily.
- Owned the lifecycle of 10+ digital products built by 3 independent teams, analyzing data usage to drive architectural and product improvements.

KEY PROJECTS

Regional Management

Lead Engineer - European team - Kellton

Led development of a bespoke loan-management platform using DDD and event-sourcing. Built event-driven services using Python, FastAPI, and Kafka; supervised integration with external decisioning services.

- Processed 10000+ applications in the first months of the pilot.
- Managed a team of 8 developers; supported the product team with requirements gathering.

DoveCommunity

Lead Architect / Product Owner - DoveMed

Owned product design and led the implementation of a social platform connecting patients with their local healthcare providers.

- Built a maintenance platform to support administration for 1000+ communities in the US.
- Integrated geo-based search for 1M+ healthcare providers.

Thermo Fisher (formerly Combinati)

Senior Python Engineer - Kellton

Designed and built a desktop application in Python to communicate with laboratory equipment to analyze dPCR test results. Architected a real-time communication utilizing websockets to present data and control devices. Implemented a custom versioning system to support equipment configuration.

EDUCATION

Wrocław University of Technology

Bachelor's Degree in Computer Science